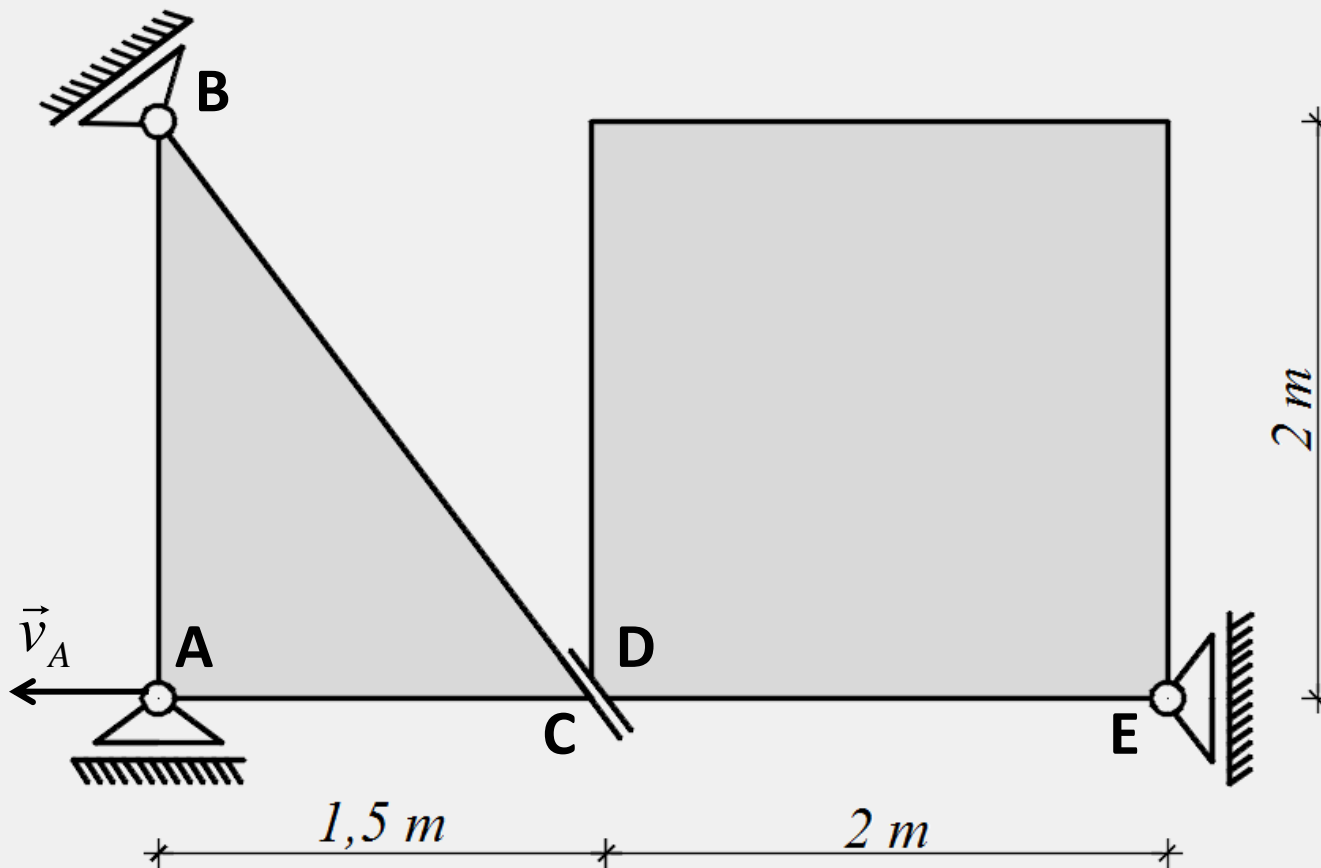
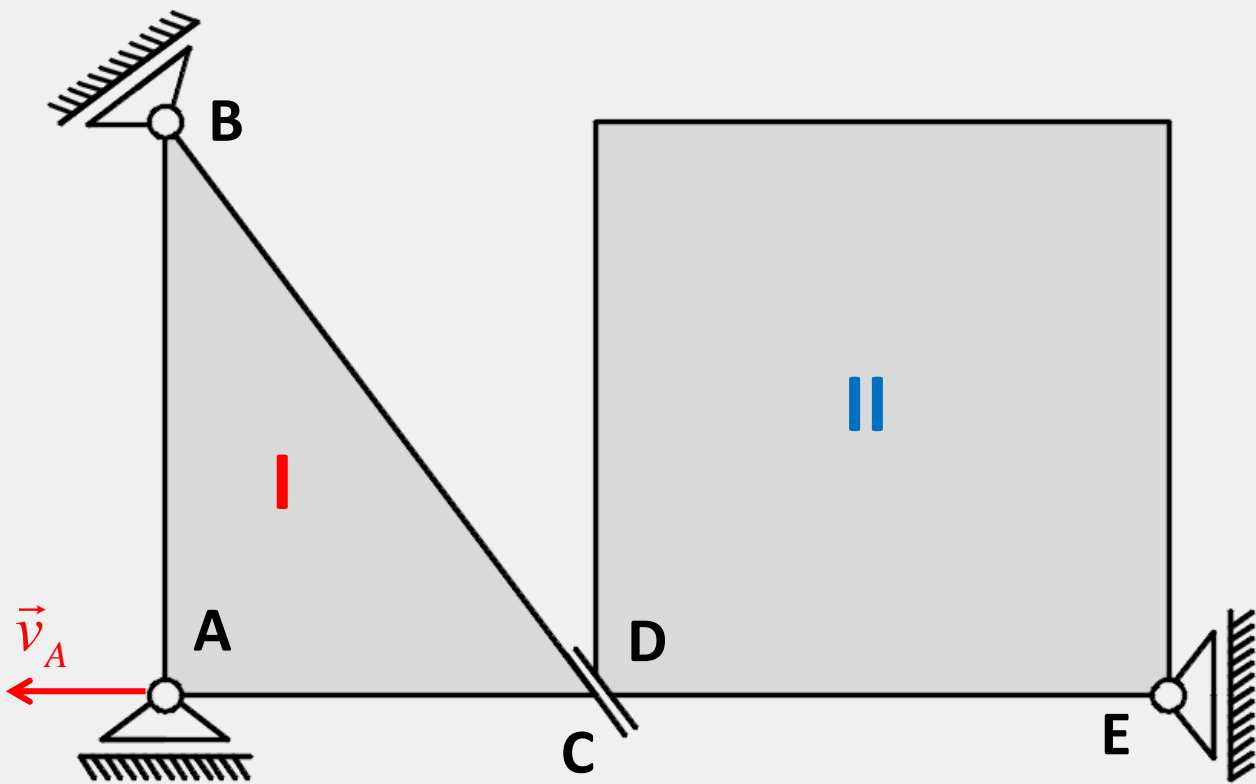


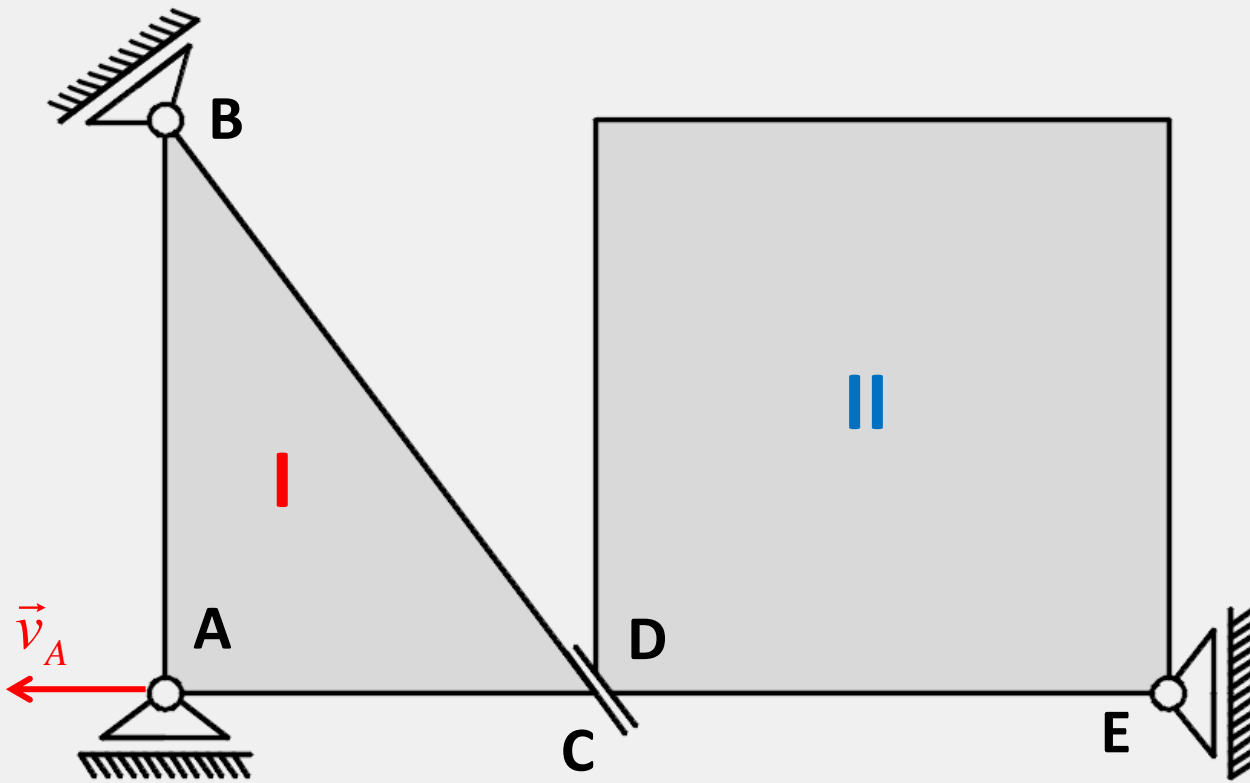
ZA PRIKAZANI POLOŽAJ MEHANIZMA POZNATA JE BRZINA TOČKE A: $v_A = 4 \text{ m/s} = \text{const.}$

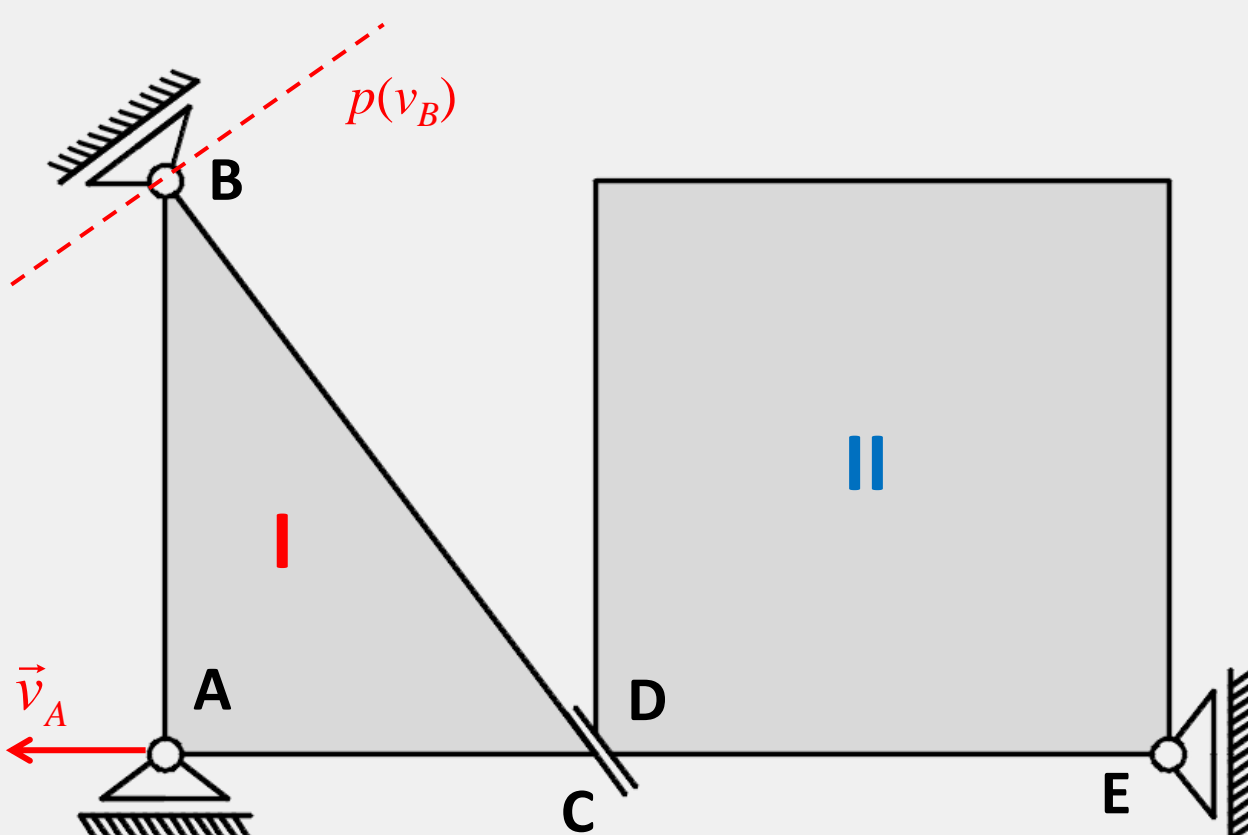
TREBA ODREDITI IZNOSE I VEKTORE BRZINA I UBRZANJA SVIH OZNAČENIH TOČKA MEHANIZMA.





Uvjeti spojeva s podlogom





Uvjeti spojeva s podlogom

$p(v_B)$

\vec{v}_A

B

A

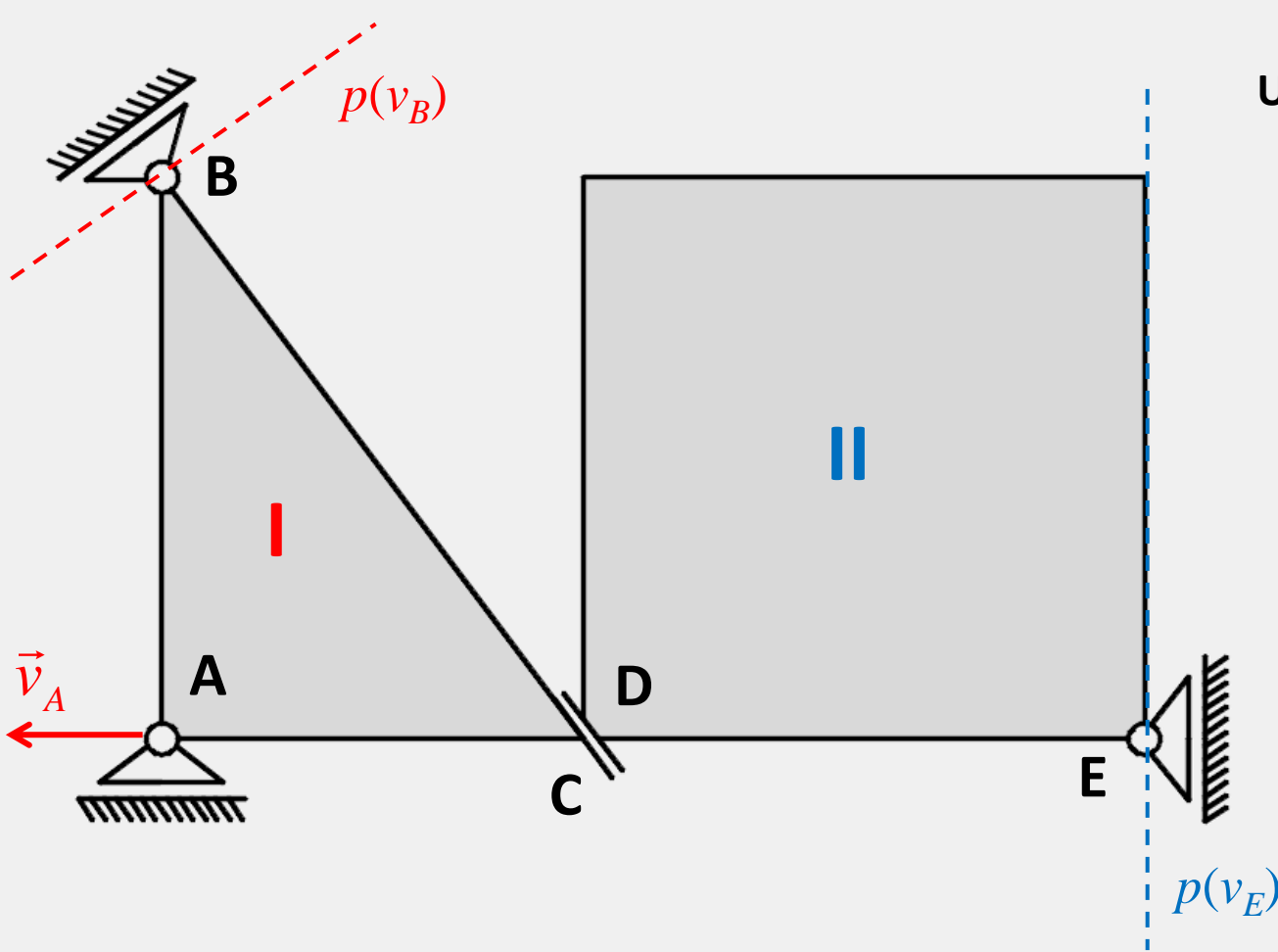
C

D

E

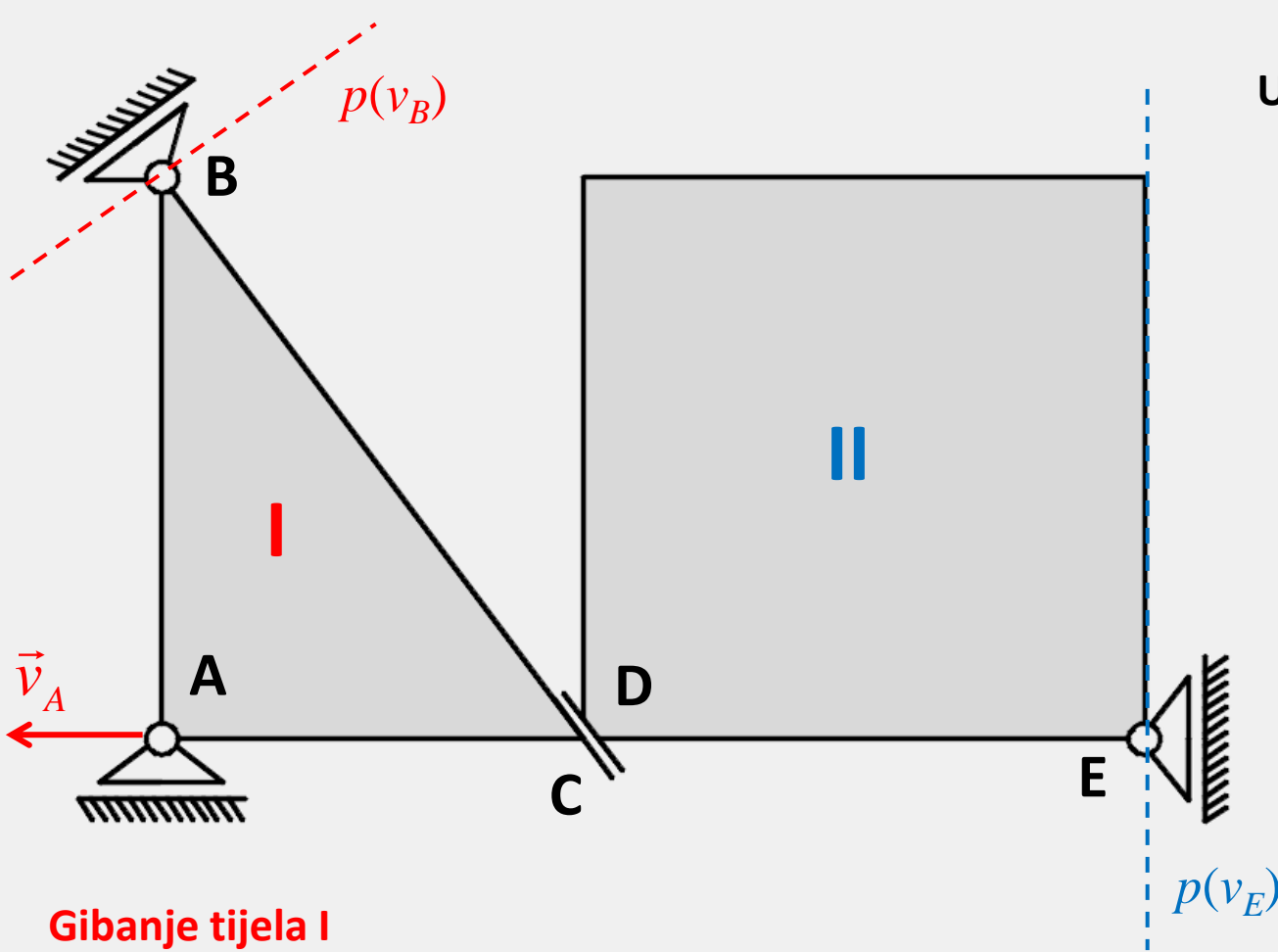
I

II



Uvjeti spojeva s podlogom

$p(v_B)$ $p(v_E)$

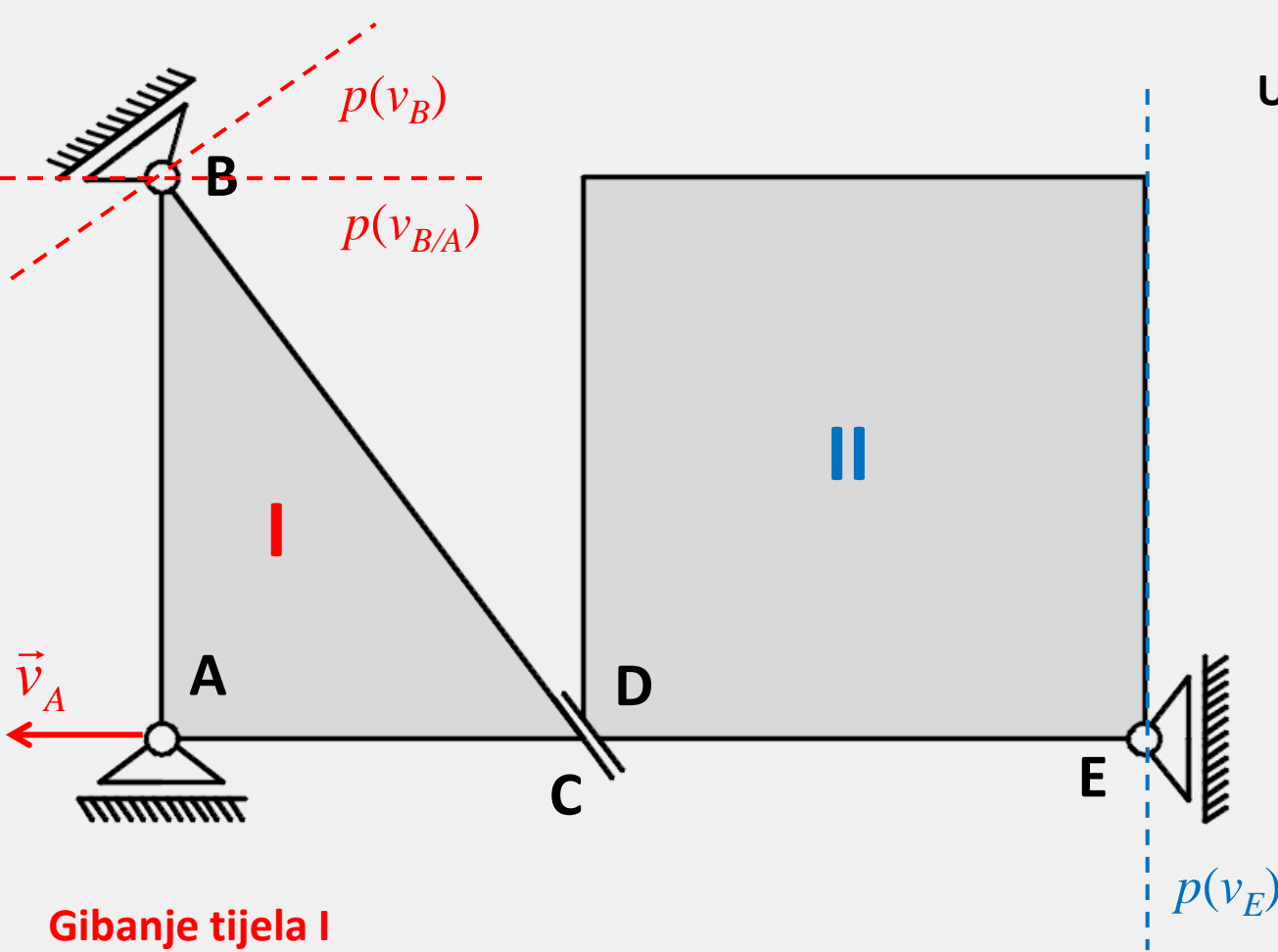


Uvjeti spojeva s podlogom

$p(v_B)$ $p(v_E)$

Gibanje tijela I

$$\vec{v}_B = \vec{v}_A + \vec{v}_{B/A}$$

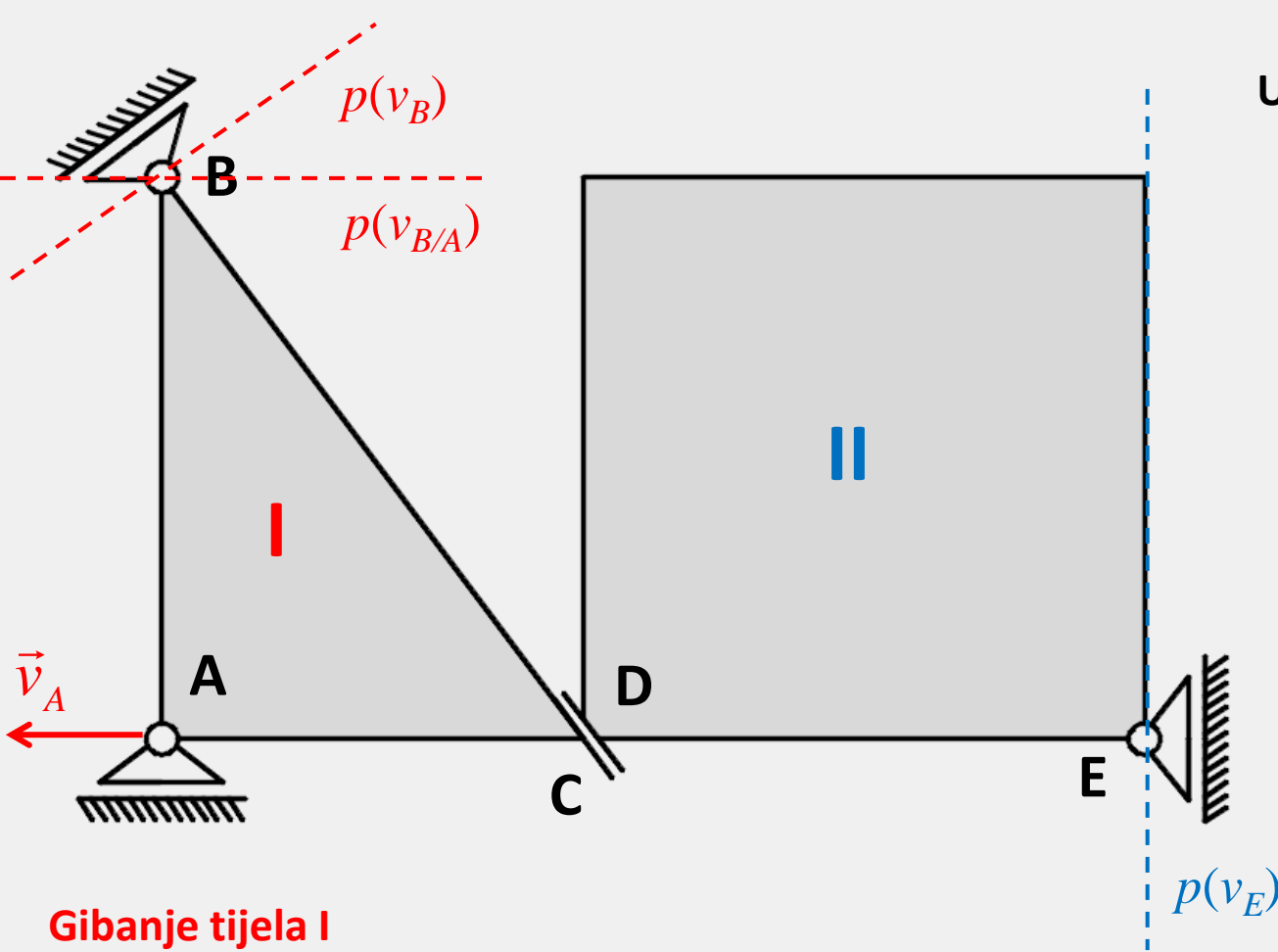


Uvjeti spojeva s podlogom

$p(v_B)$ $p(v_E)$

Gibanje tijela I

$$\vec{v}_B = \vec{v}_A + \vec{v}_{B/A} \quad \vec{v}_{B/A} \perp \overline{AB}$$



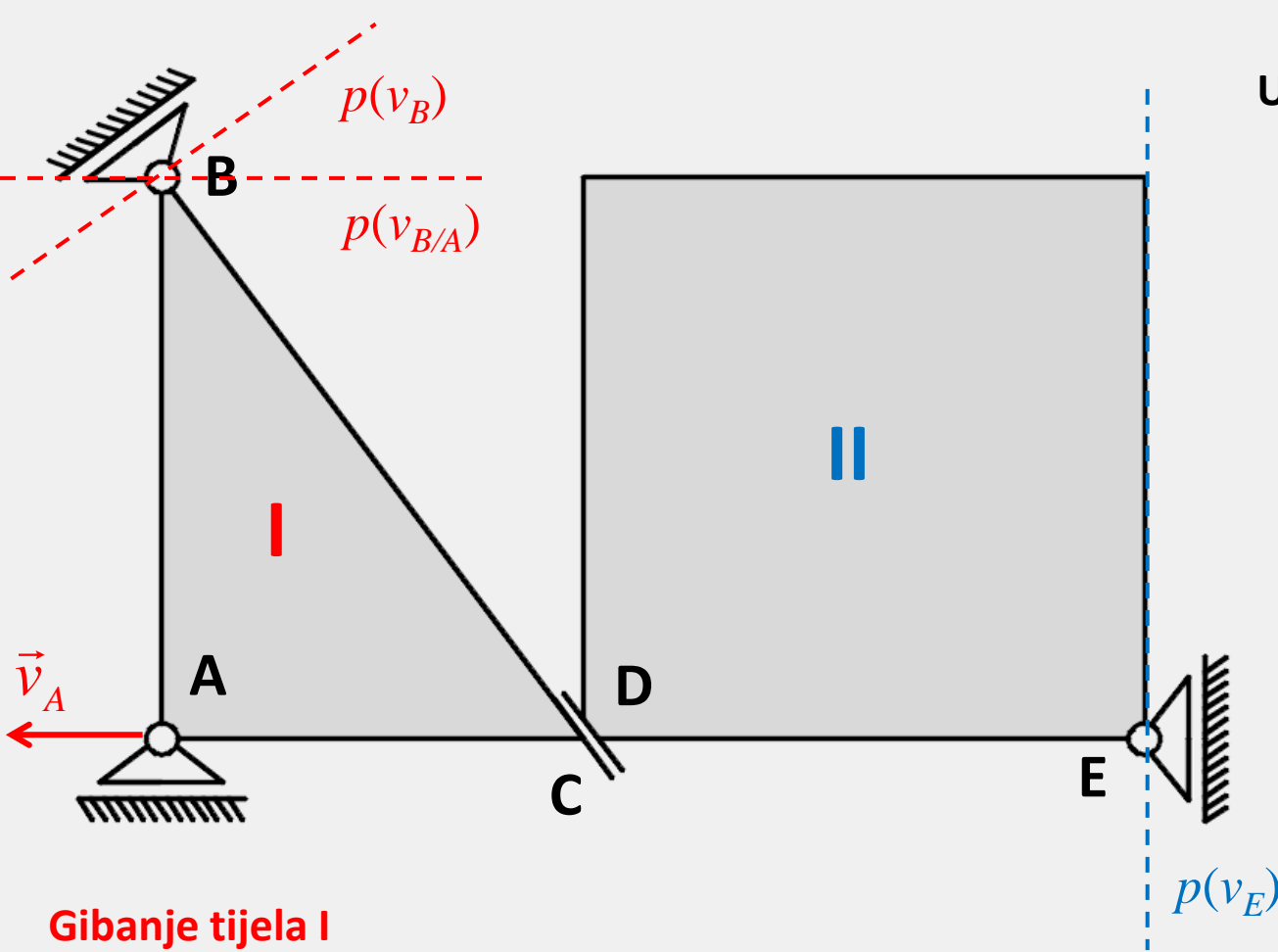
Uvjeti spojeva s podlogom

$p(v_B)$ $p(v_E)$

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$$\vec{v}_B = \vec{v}_A + \vec{v}_{B/A} \quad \vec{v}_{B/A} \perp \overline{AB}$$

MJ 1cm=1m/s



Uvjeti spojeva s podlogom

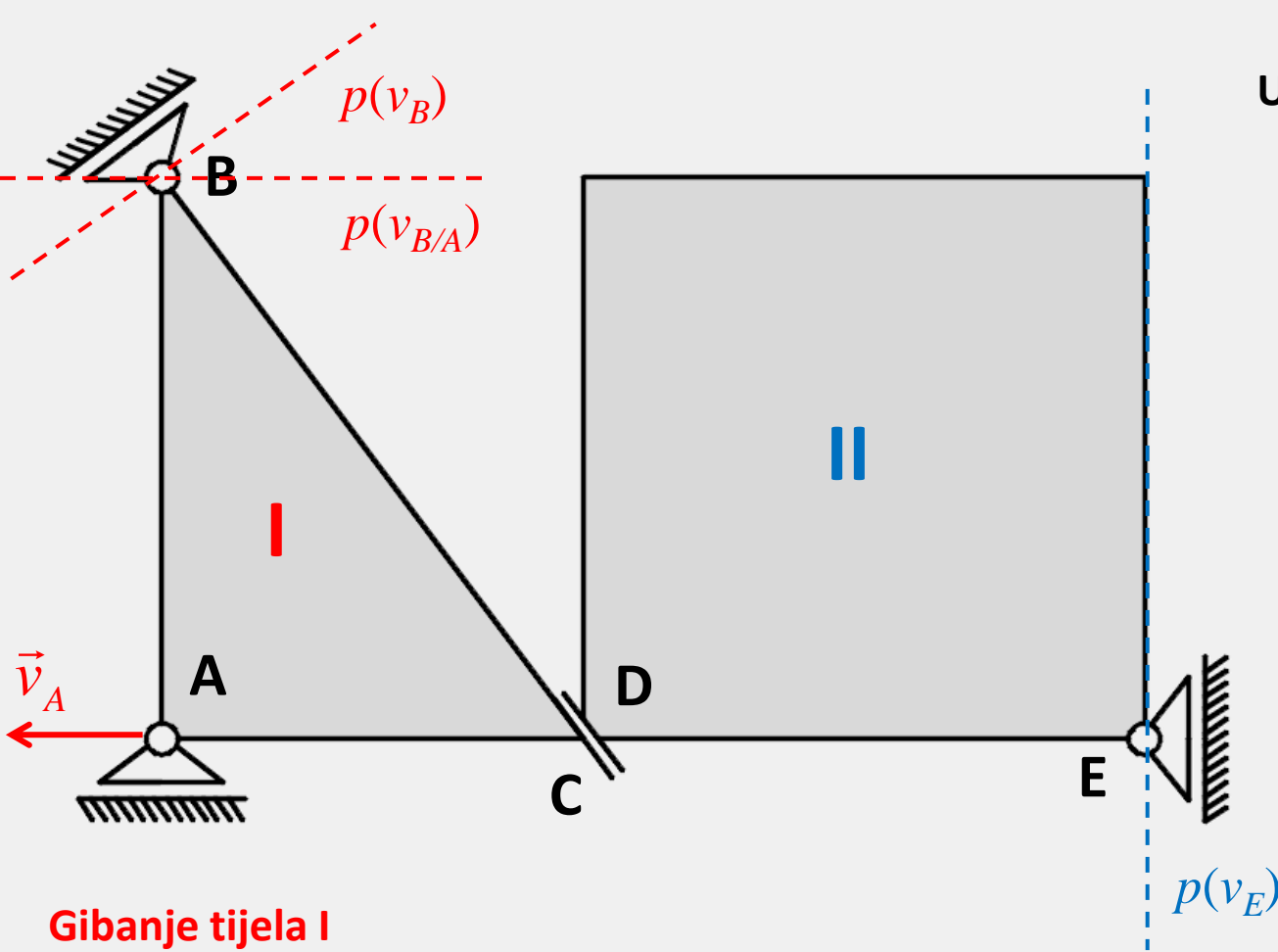
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$$\vec{v}_B = \vec{v}_A + \vec{v}_{B/A} \quad \vec{v}_{B/A} \perp \overline{AB}$$

MJ 1cm=1m/s





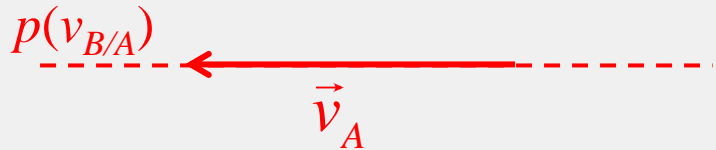
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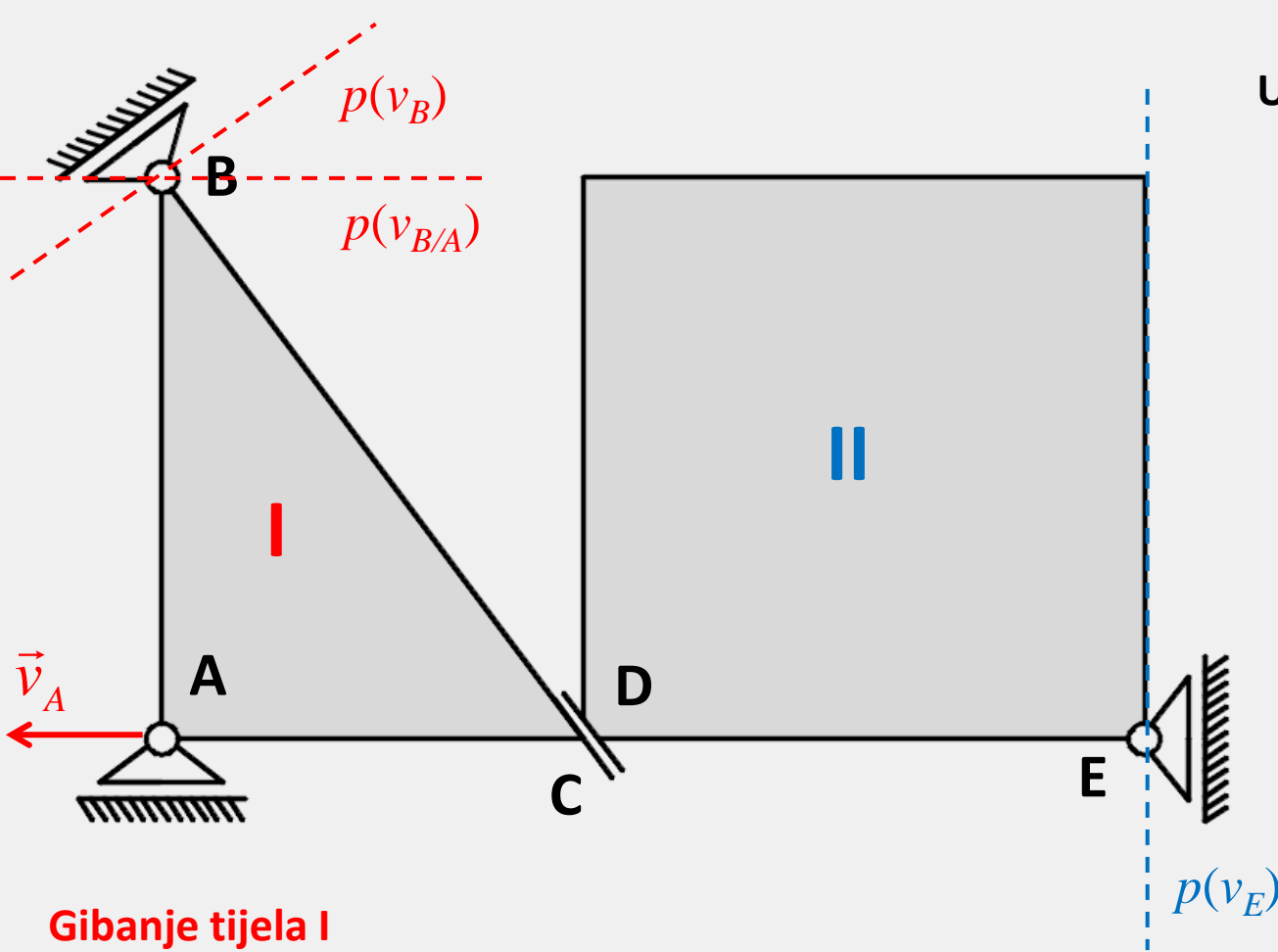
$p(v_B)$ $p(v_E)$

Gibanje tijela I

$$\vec{v}_B = \vec{v}_A + \vec{v}_{B/A} \quad \vec{v}_{B/A} \perp \overline{AB}$$

MJ 1cm=1m/s





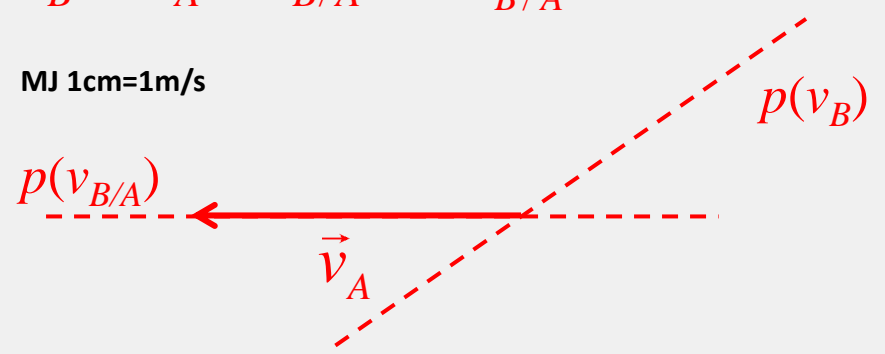
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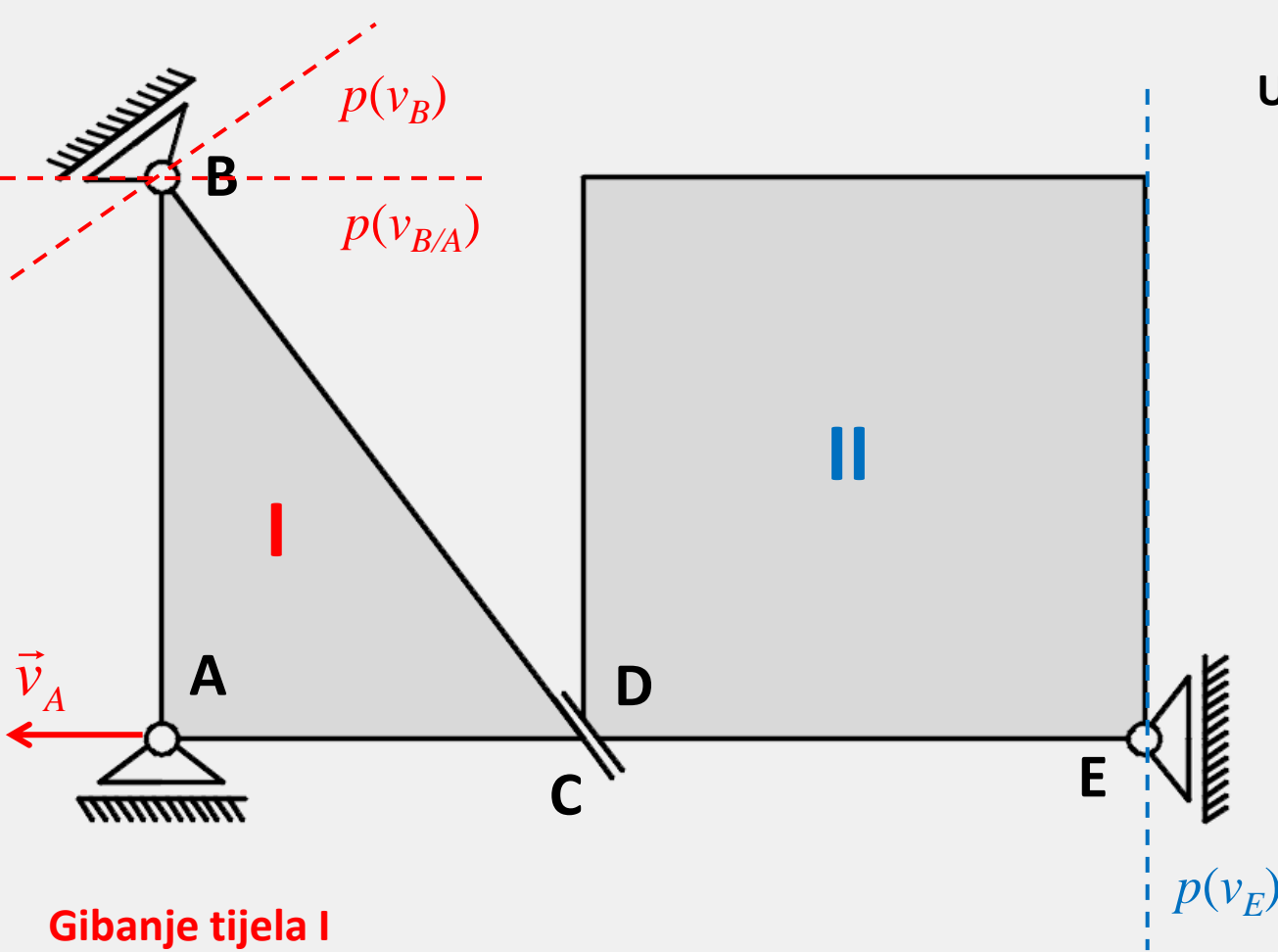
$p(v_B)$ $p(v_E)$

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$$\vec{v}_B = \vec{v}_A + \vec{v}_{B/A} \quad \vec{v}_{B/A} \perp \overline{AB}$$

MJ 1cm=1m/s





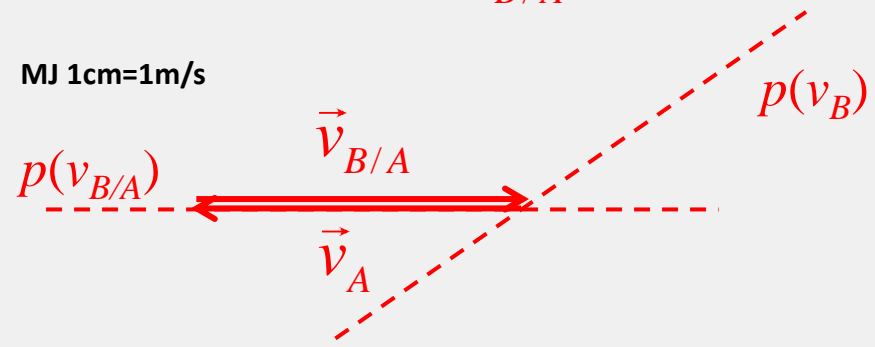
Uvjeti spojeva s podlogom

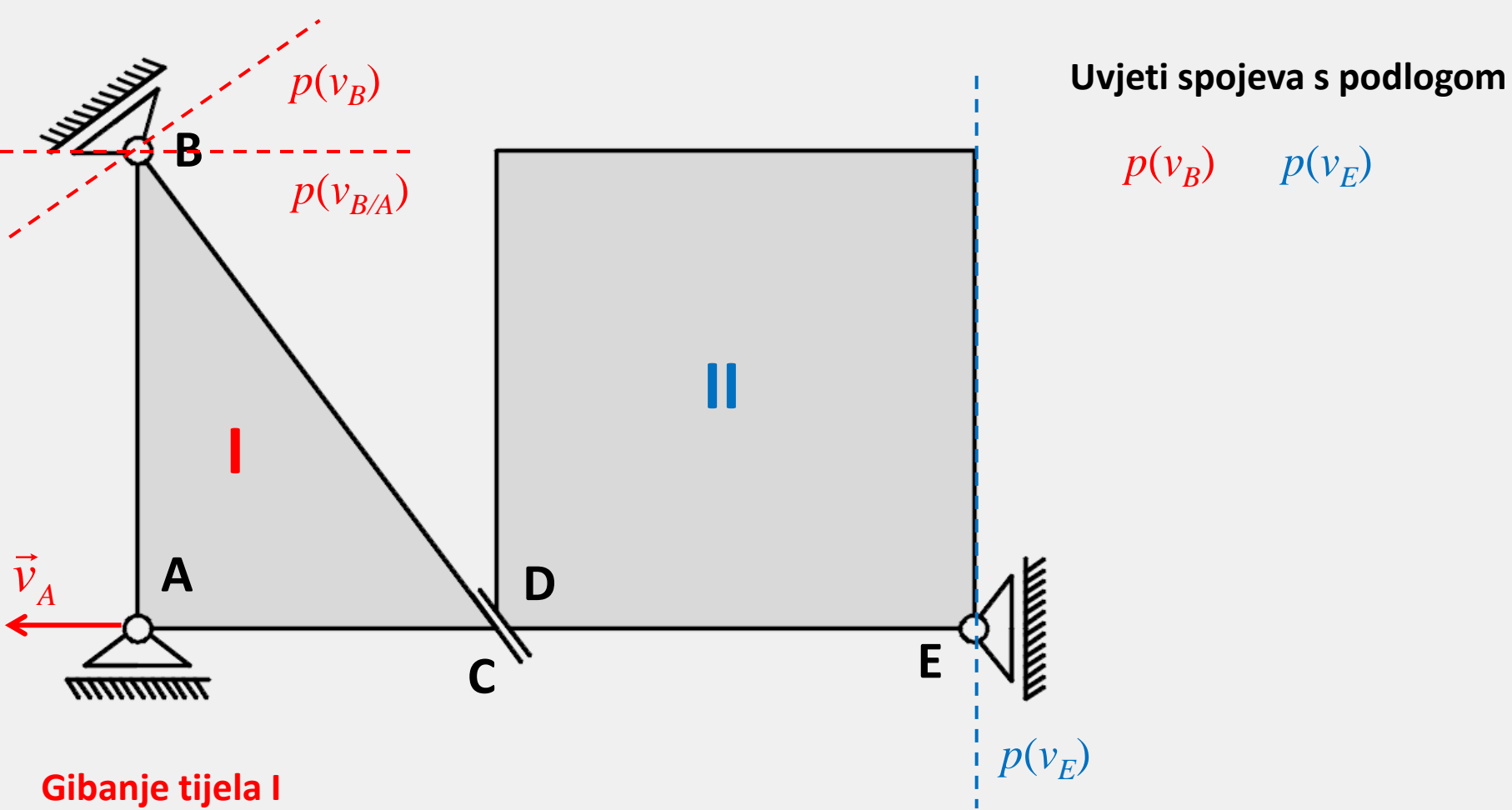
$p(v_B)$ $p(v_E)$

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MJ 1cm=1m/s

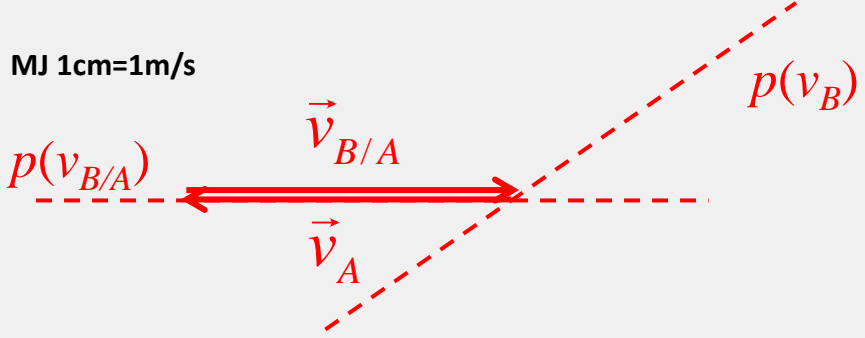




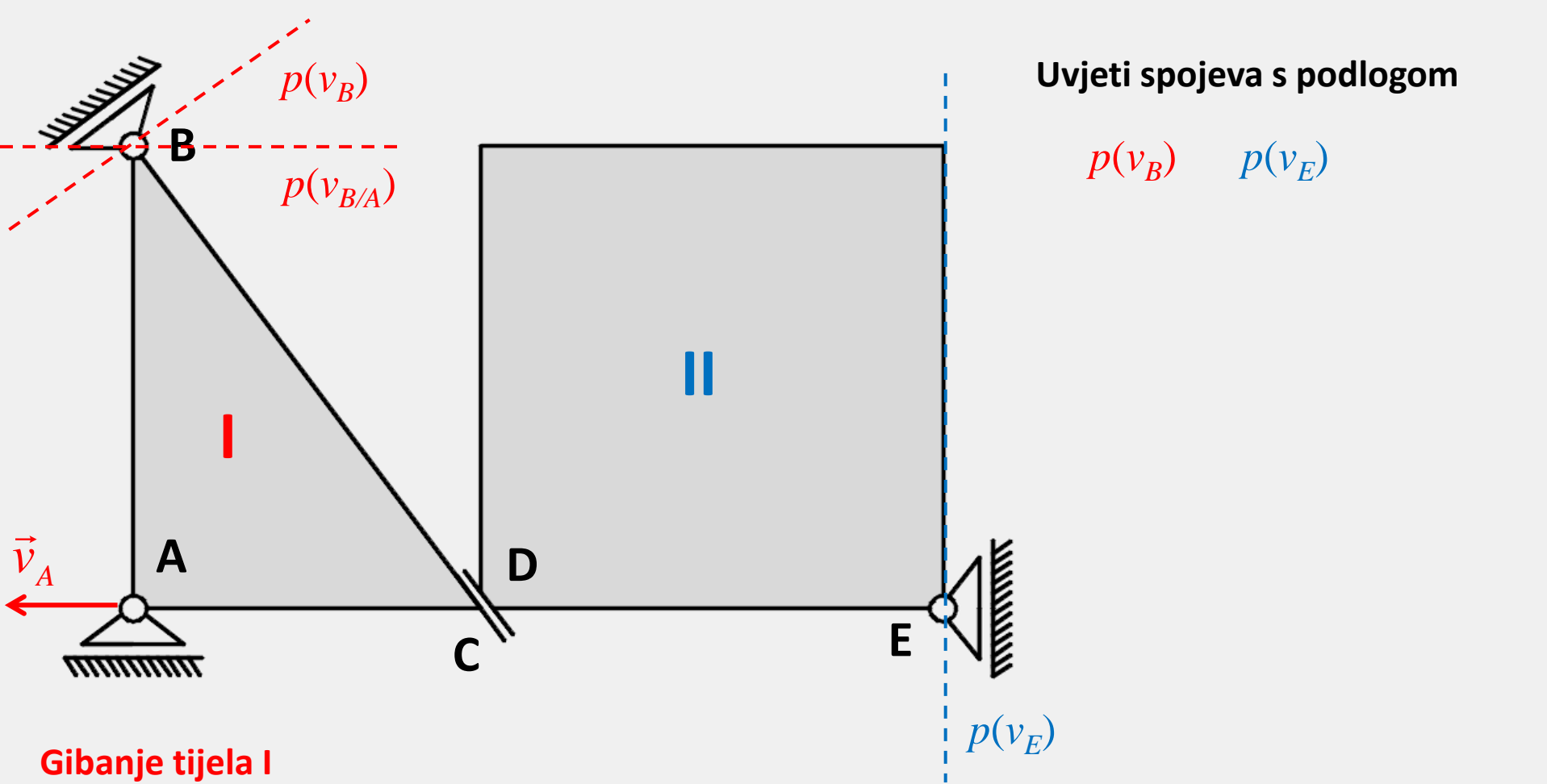
Gibanje tijela I

$$\vec{v}_B = \vec{v}_A + \vec{v}_{B/A} \quad \vec{v}_{B/A} \perp \overline{AB}$$

MJ 1cm=1m/s



očitano: $v_B = 0$
 $v_{B/A} = 4 \text{ cm} = 4 \text{ m/s}$



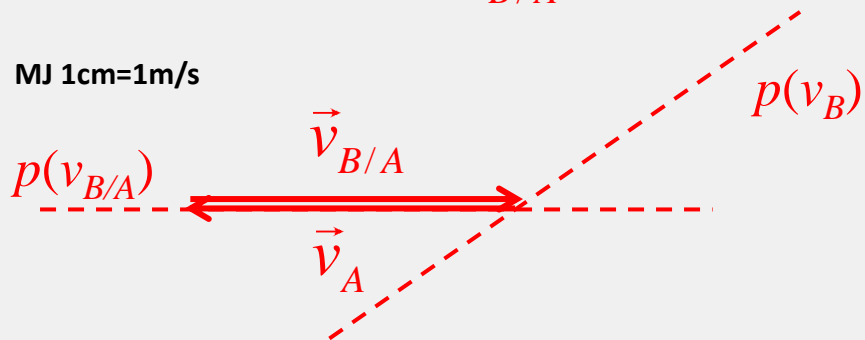
Uvjeti spojeva s podlogom

$p(v_B)$ $p(v_E)$

Gibanje tijela I

$\vec{v}_B = \vec{v}_A + \vec{v}_{B/A}$ $\vec{v}_{B/A} \perp \overline{AB}$

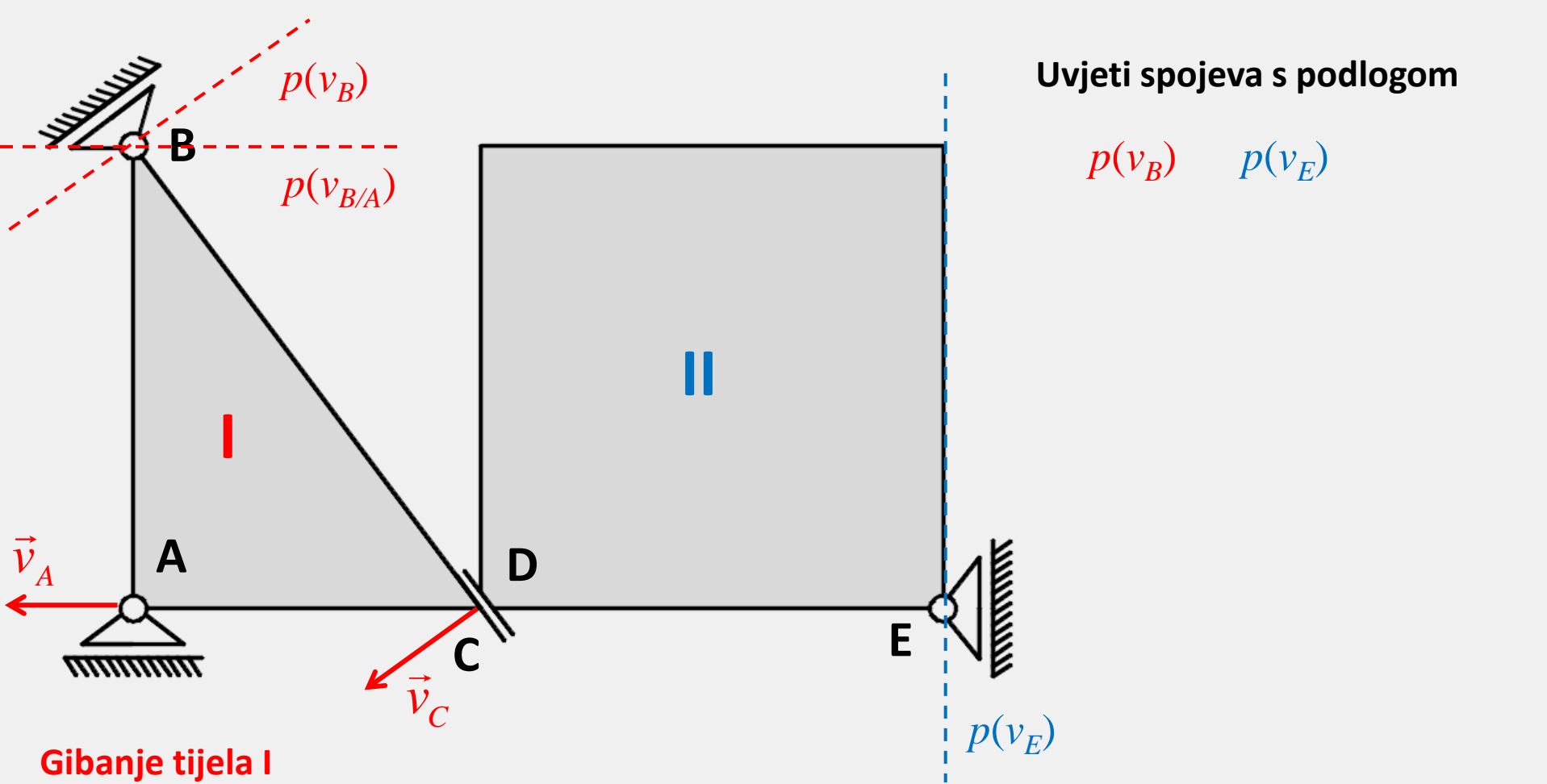
MJ 1cm=1m/s



očitano: $v_B = 0$

$v_{B/A} = 4 \text{ cm} = 4 \text{ m/s}$

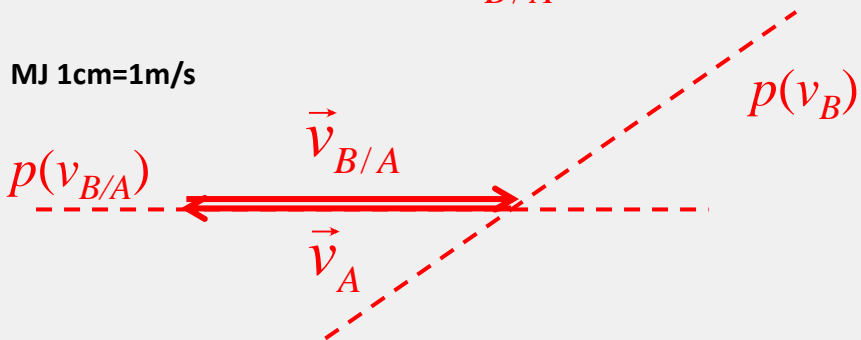
$\omega_I = \frac{v_{B/A}}{AB} = \frac{4}{2} = 2 \text{ r/s}$ $\vec{\omega}_I = -2 \vec{k}$



Gibanje tijela I

$$\vec{v}_B = \vec{v}_A + \vec{v}_{B/A} \quad \vec{v}_{B/A} \perp \overline{AB}$$

MJ 1cm=1m/s



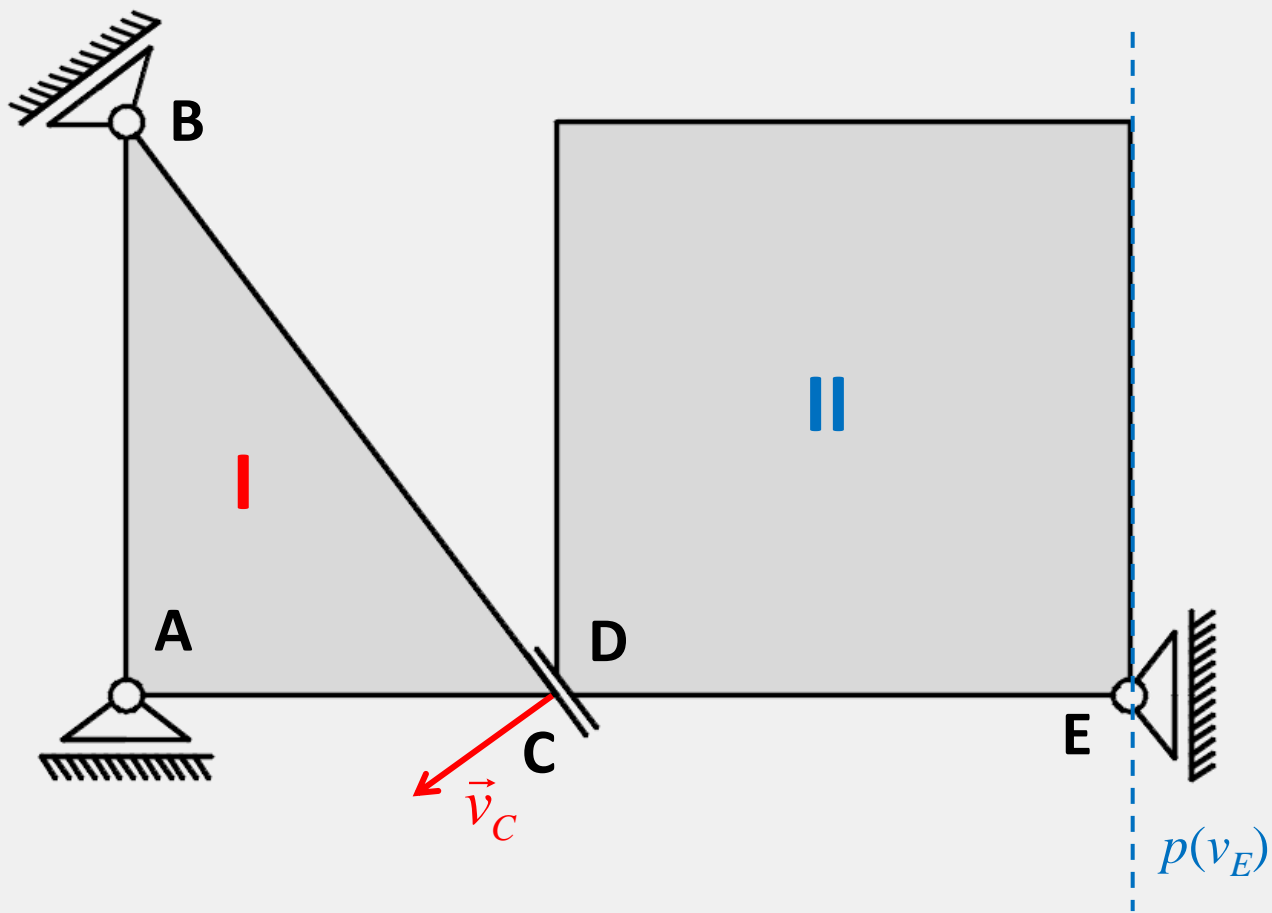
očitano: $v_B = 0$

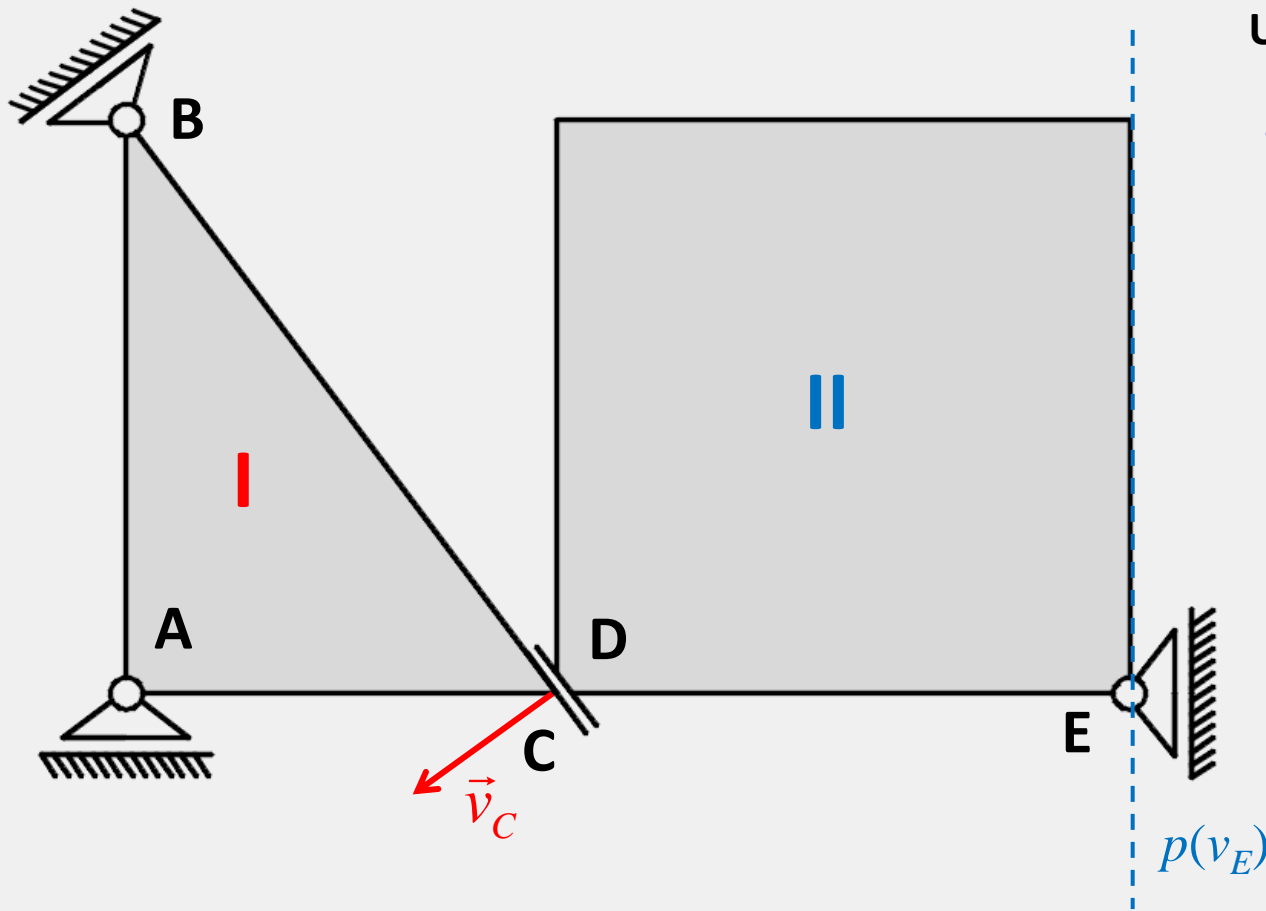
$$v_{B/A} = 4 \text{ cm} = 4 \text{ m/s}$$

$$\omega_I = \frac{v_{B/A}}{AB} = \frac{4}{2} = 2 \text{ r/s} \quad \vec{\omega}_I = -2 \vec{k}$$

$$\vec{v}_C = \vec{v}_A + \vec{v}_{C/A} = -4\vec{i} - 1,5 \cdot 2\vec{j} = -4\vec{i} - 3\vec{j}$$

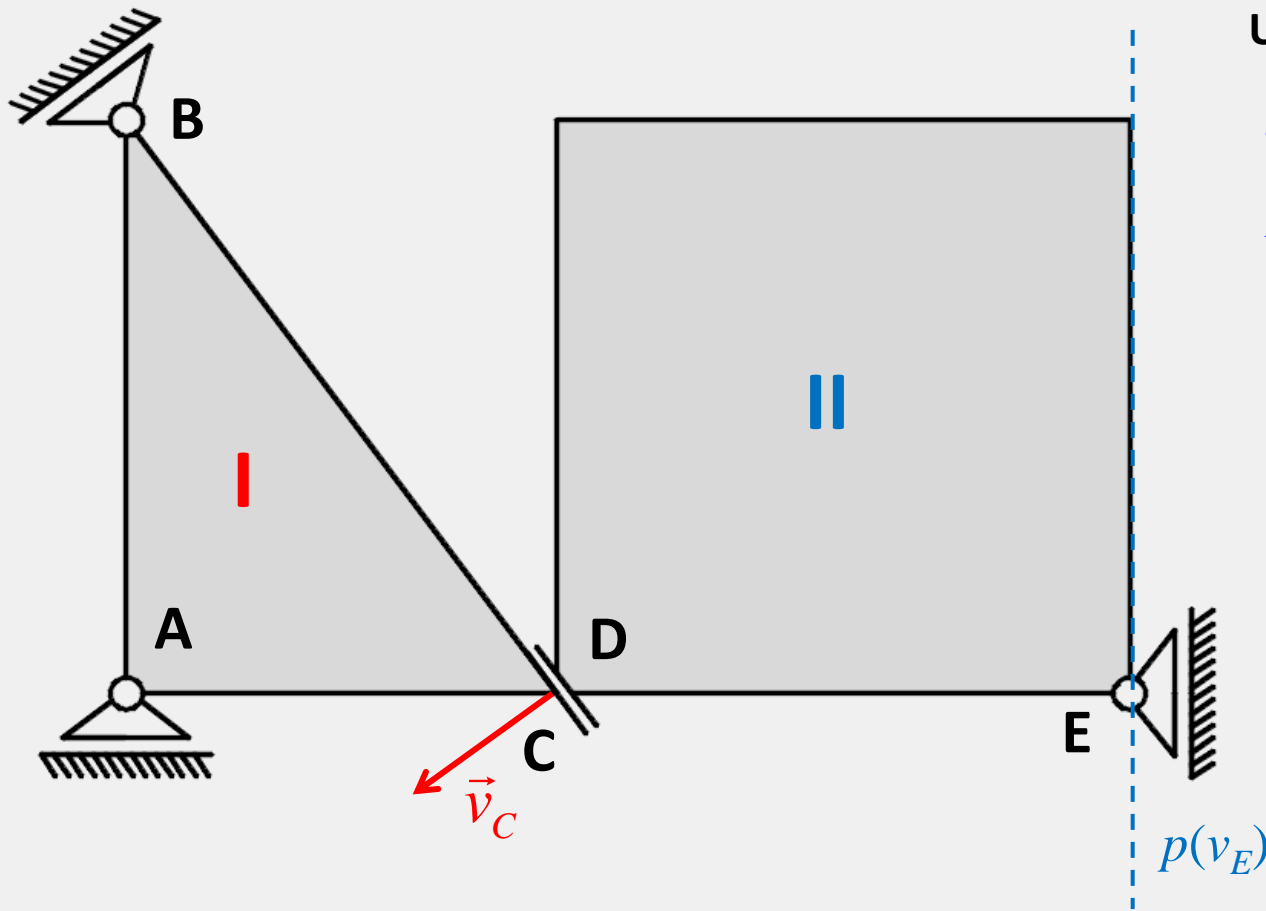
$$v_C = 5 \text{ m/s}$$





Uvjeti spoja tijela I i II

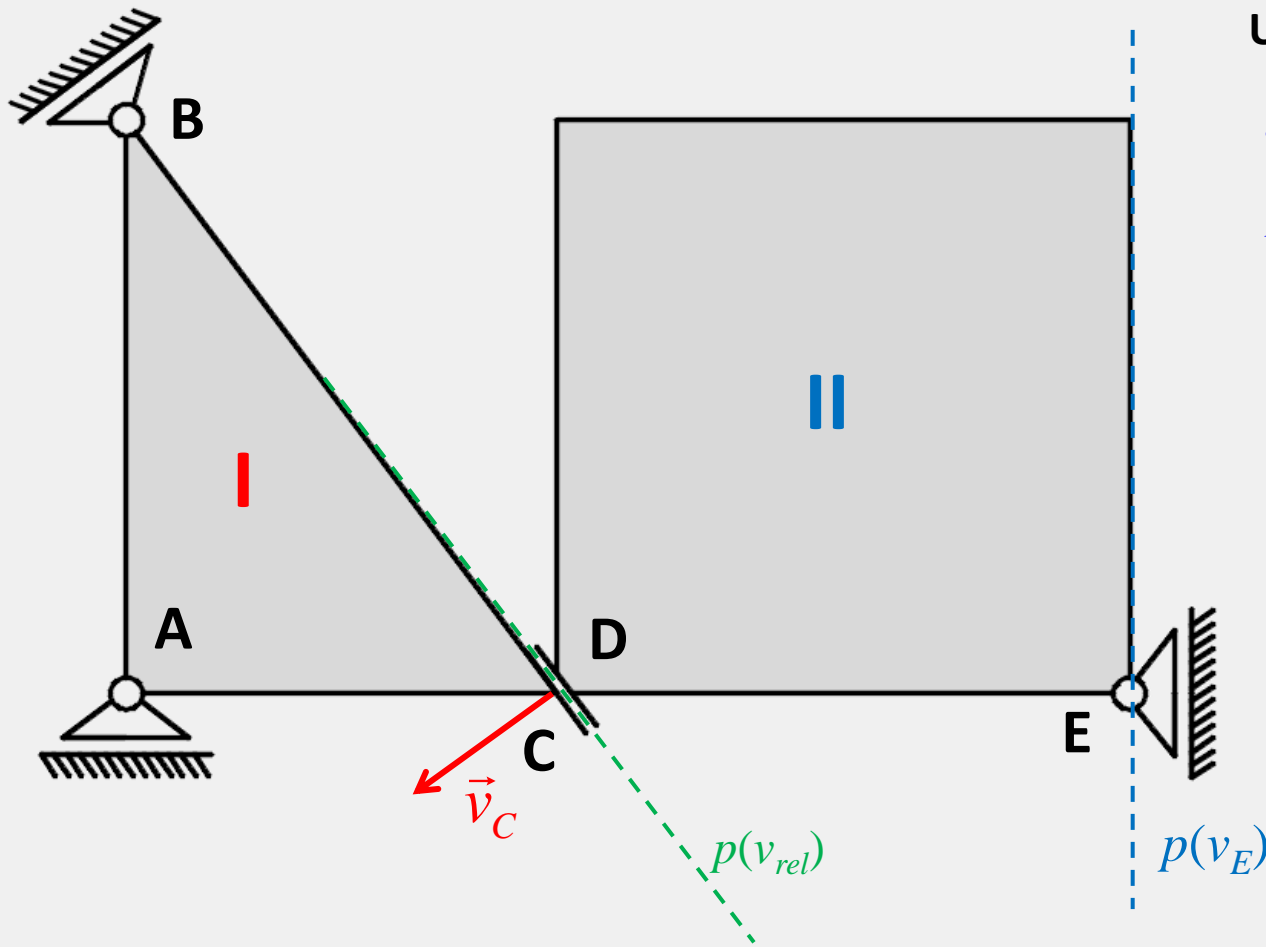
$$\vec{\omega}_{II} = \vec{\omega}_I = -2\vec{k}$$



Uvjeti spoja tijela I i II

$$\vec{\omega}_{II} = \vec{\omega}_I = -2\vec{k}$$

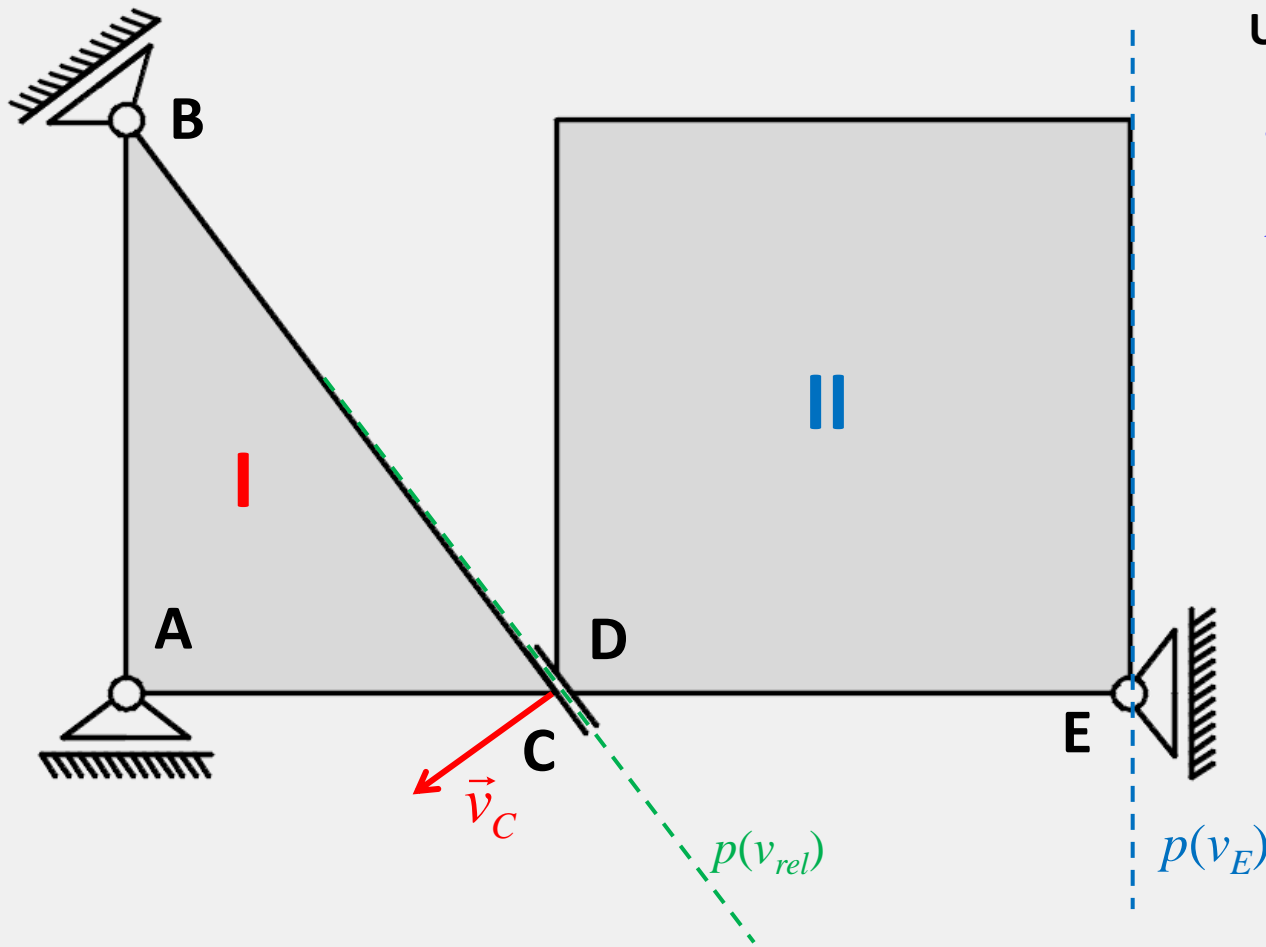
$$\vec{v}_D = \vec{v}_C + \vec{v}_{rel}$$



Uvjeti spoja tijela I i II

$$\vec{\omega}_{II} = \vec{\omega}_I = -2\vec{k}$$

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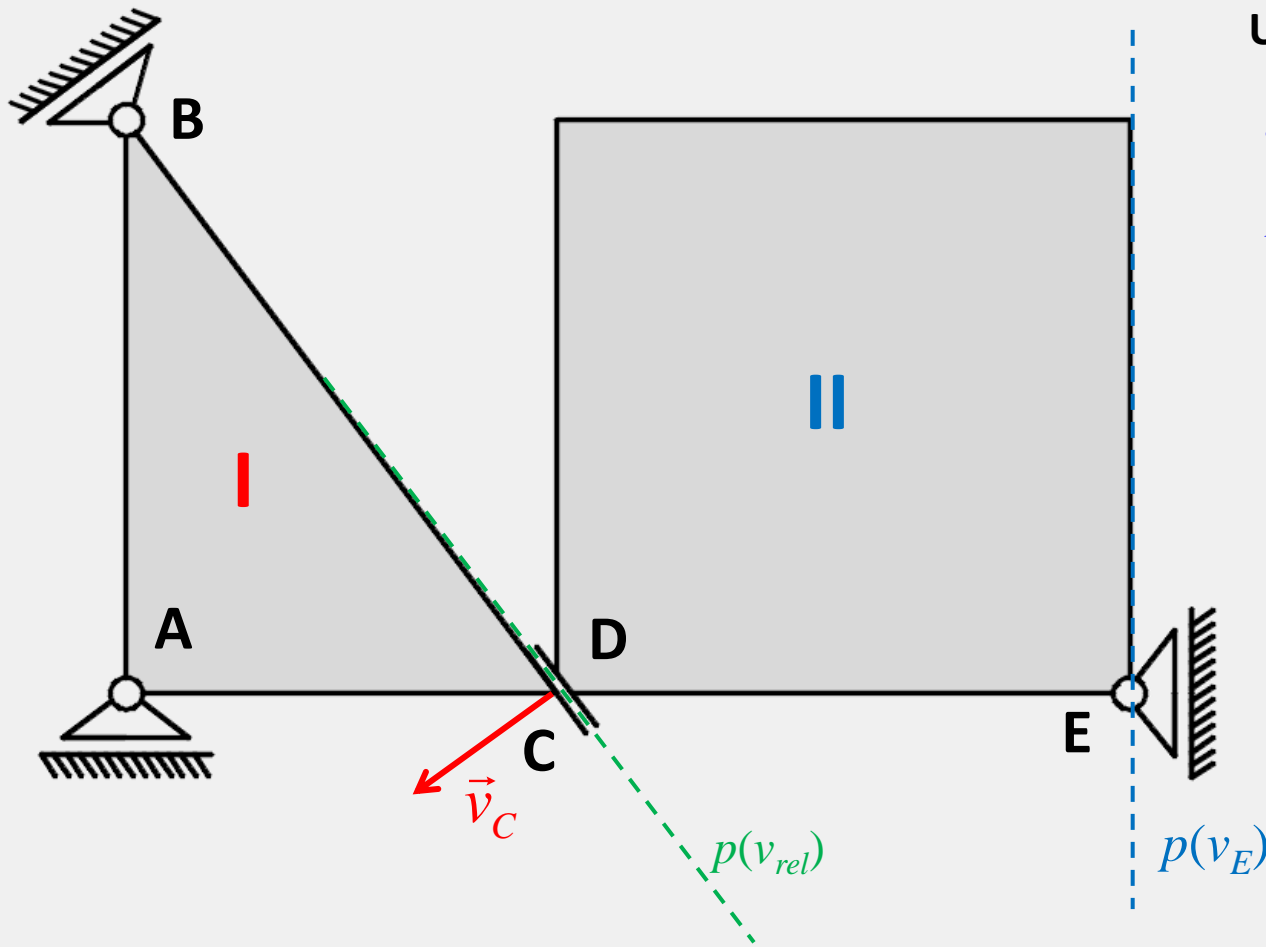
Uvjeti spoja tijela I i II

$$\vec{\omega}_{II} = \vec{\omega}_I = -2\vec{k}$$

$$\vec{v}_D = \vec{v}_C + \vec{v}_{rel}$$

Gibanje tijela II

$$\vec{v}_D = \vec{v}_E + \vec{v}_{D/E}$$



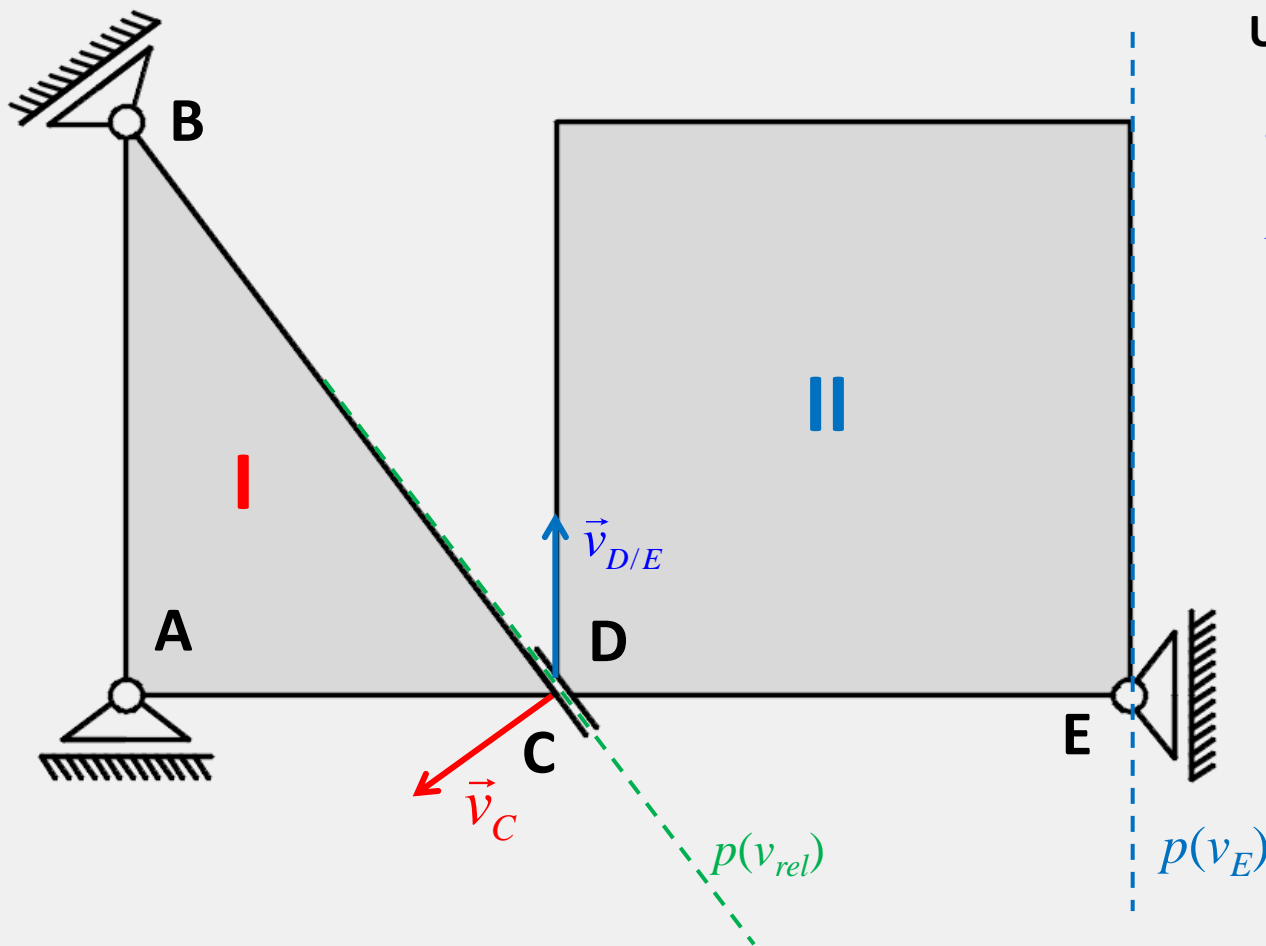
Uvjeti spoja tijela I i II

$$\vec{\omega}_{II} = \vec{\omega}_I = -2\vec{k}$$

$$\vec{v}_D = \vec{v}_C + \vec{v}_{rel}$$

Gibanje tijela II

$$\vec{v}_D = \vec{v}_E + \vec{v}_{D/E} \quad \vec{v}_{D/E} \perp \overline{DE}$$



Uvjeti spoja tijela I i II

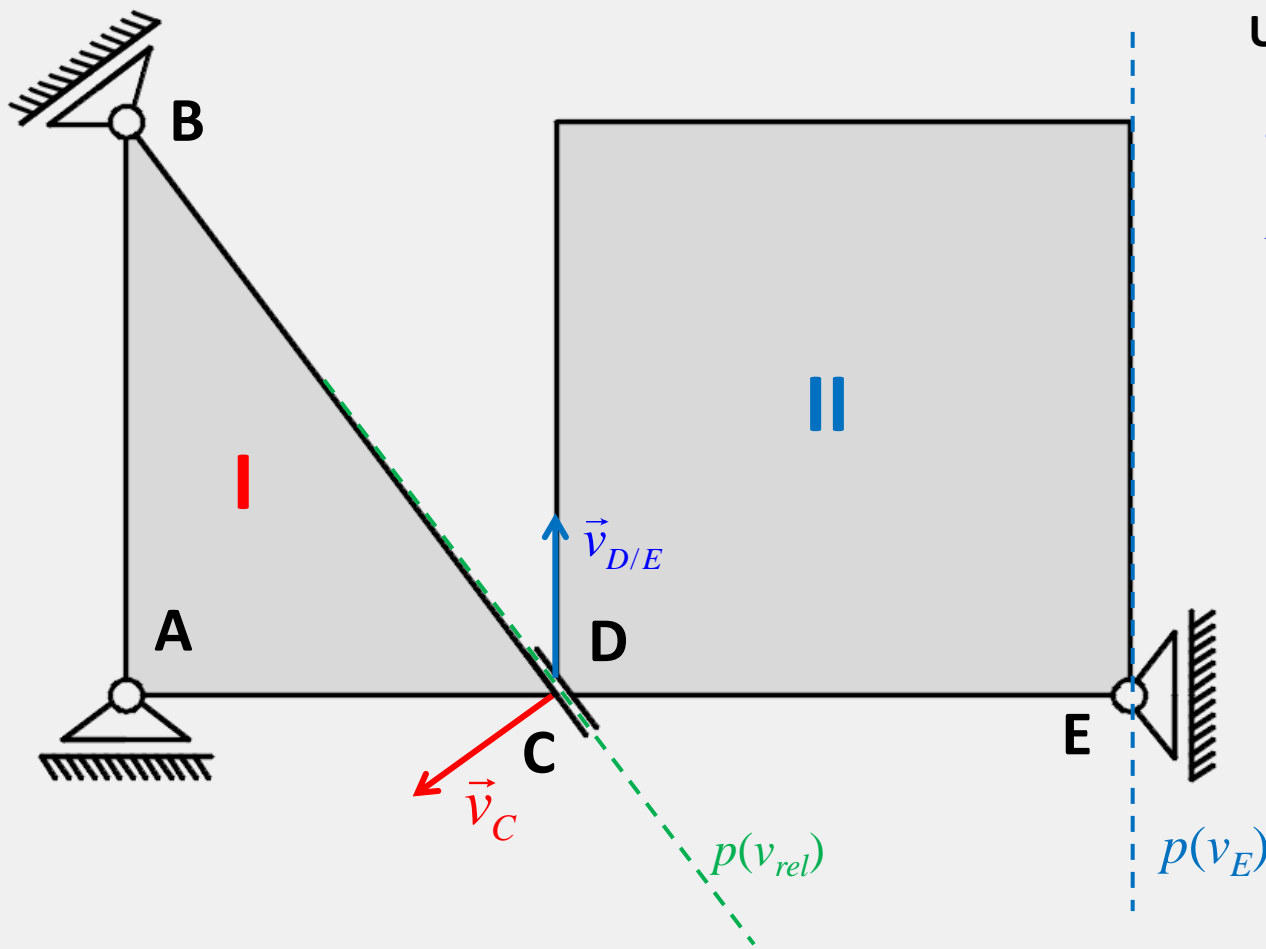
$$\vec{\omega}_{II} = \vec{\omega}_I = -2\vec{k}$$

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Gibanje tijela II

$$\vec{v}_D = \vec{v}_E + \vec{v}_{D/E} \quad \vec{v}_{D/E} \perp \overline{DE}$$

$$\vec{v}_{D/E} = 2 \cdot 2\vec{j} = 4\vec{j}$$



Uvjeti spoja tijela I i II

$$\vec{\omega}_{II} = \vec{\omega}_I = -2\vec{k}$$

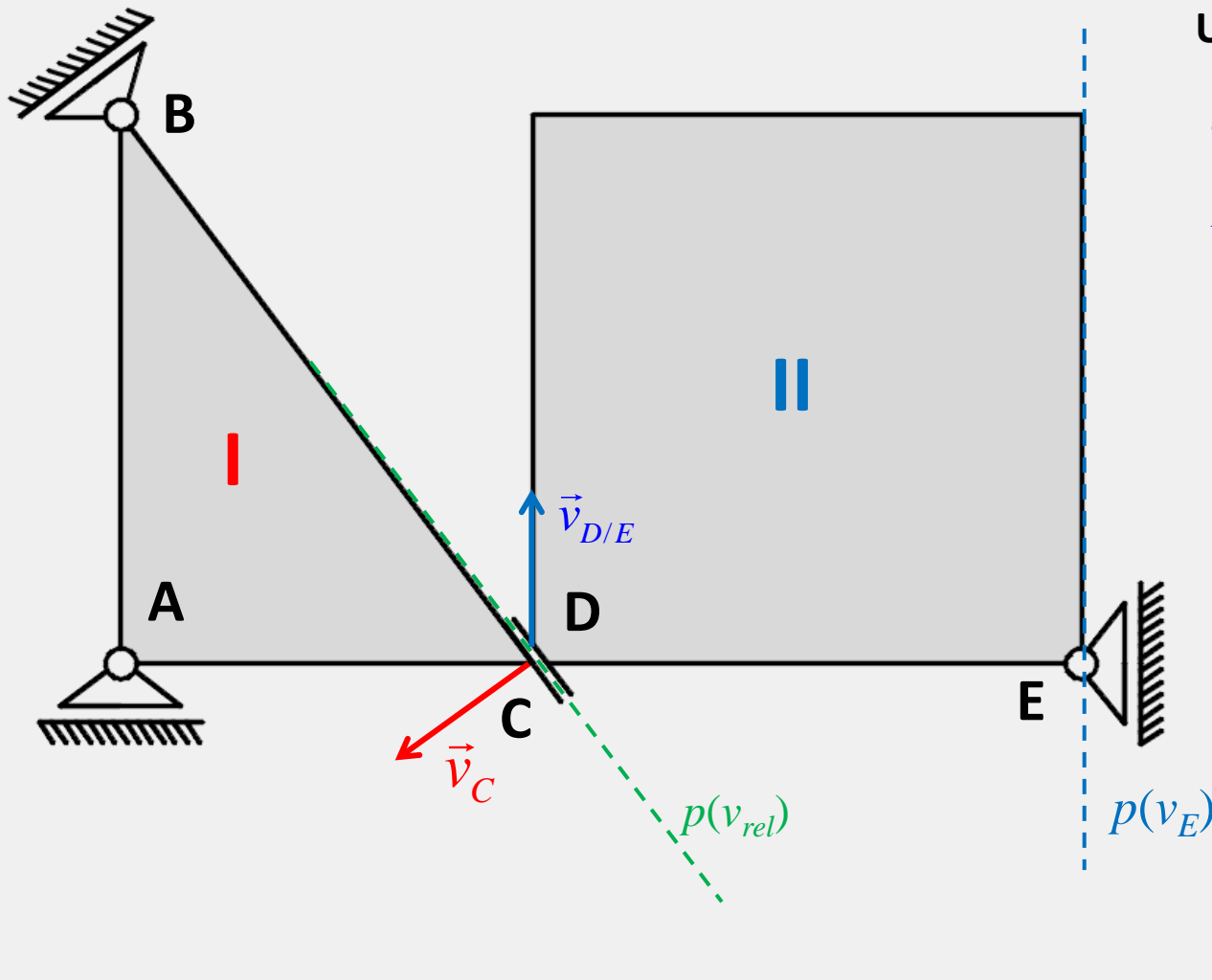
$$\vec{v}_D = \vec{v}_C + \vec{v}_{rel}$$

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MJ 1cm=2m/s



Uvjeti spoja tijela I i II

$$\vec{\omega}_{II} = \vec{\omega}_I = -2\vec{k}$$

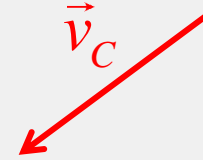
$$\vec{v}_D = \vec{v}_C + \vec{v}_{rel}$$

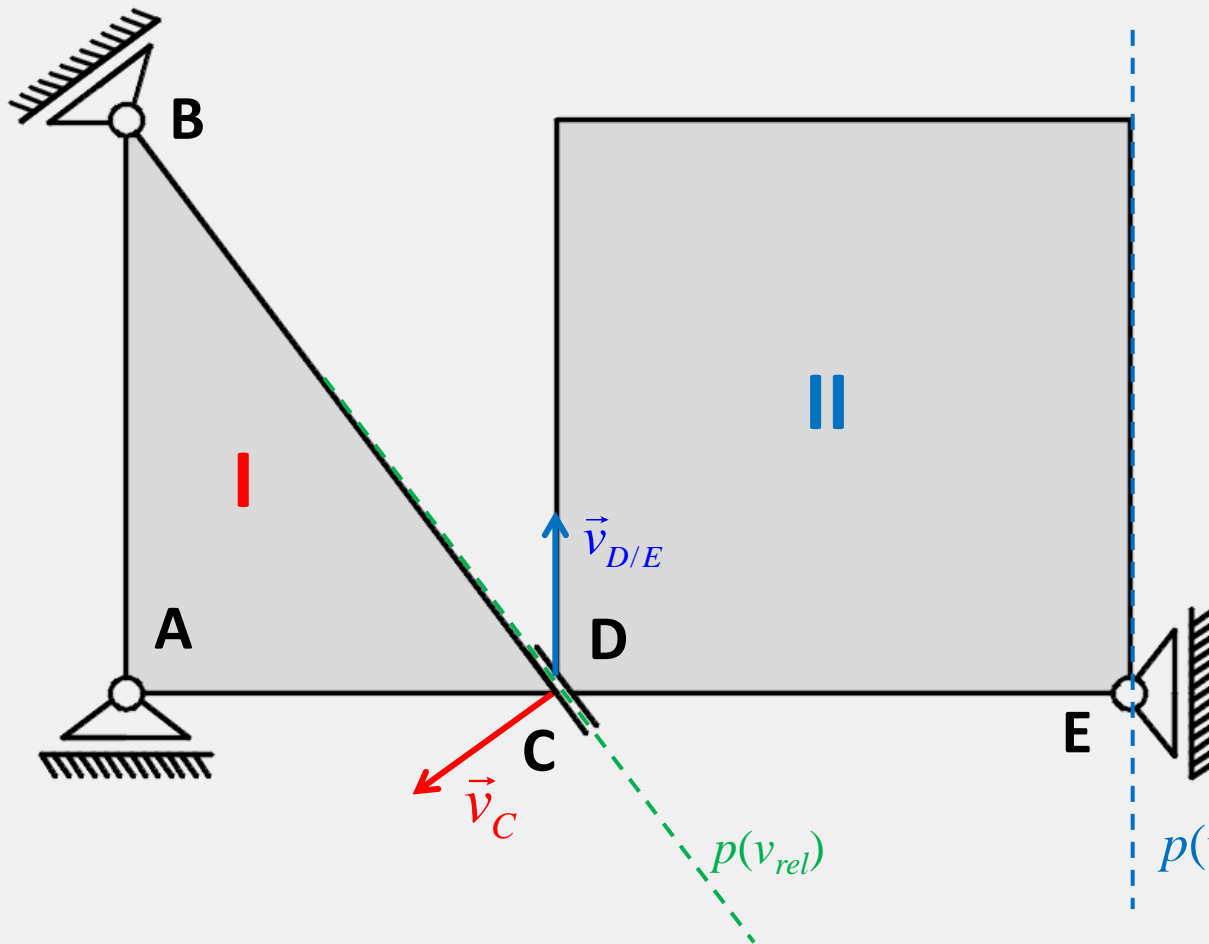
Gibanje tijela II

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Uvjeti spoja tijela I i II

$$\vec{\omega}_{II} = \vec{\omega}_I = -2\vec{k}$$

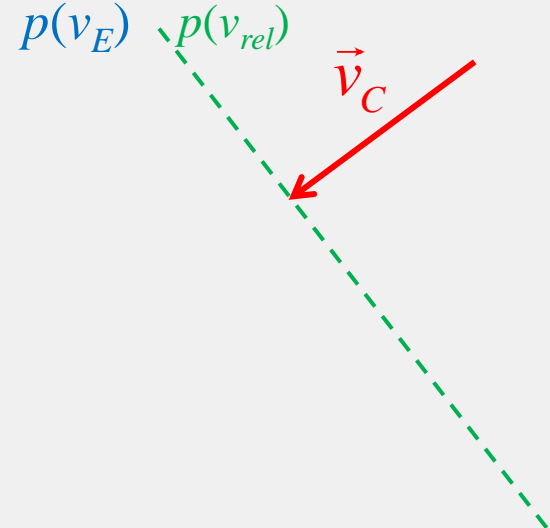
$$\vec{v}_D = \vec{v}_C + \vec{v}_{rel}$$

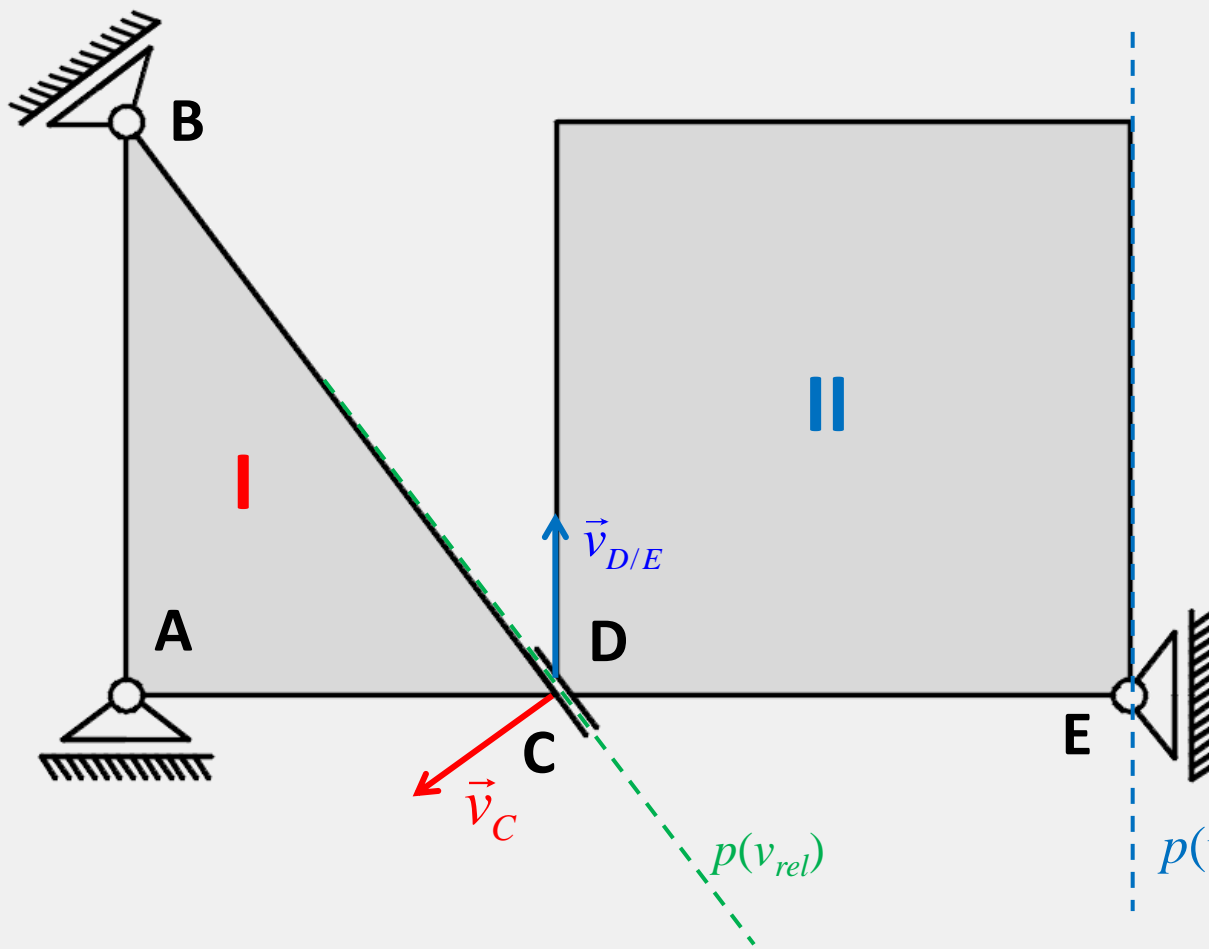
Gibanje tijela II

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Uvjeti spoja tijela I i II

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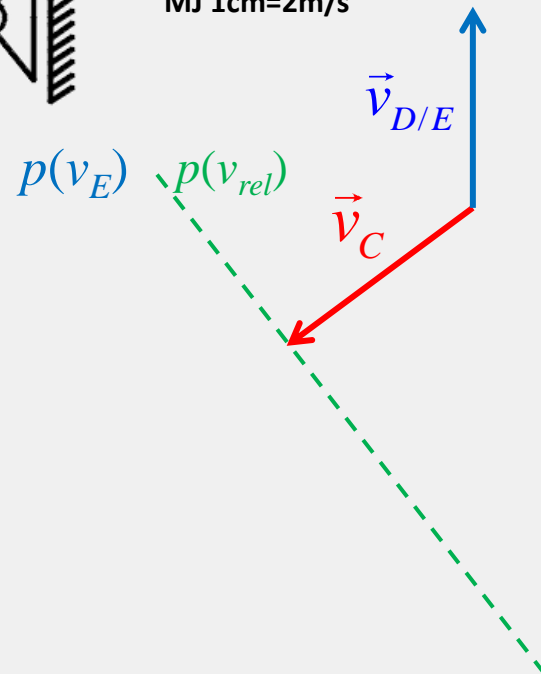
$$\vec{v}_D = \vec{v}_C + \vec{v}_{rel}$$

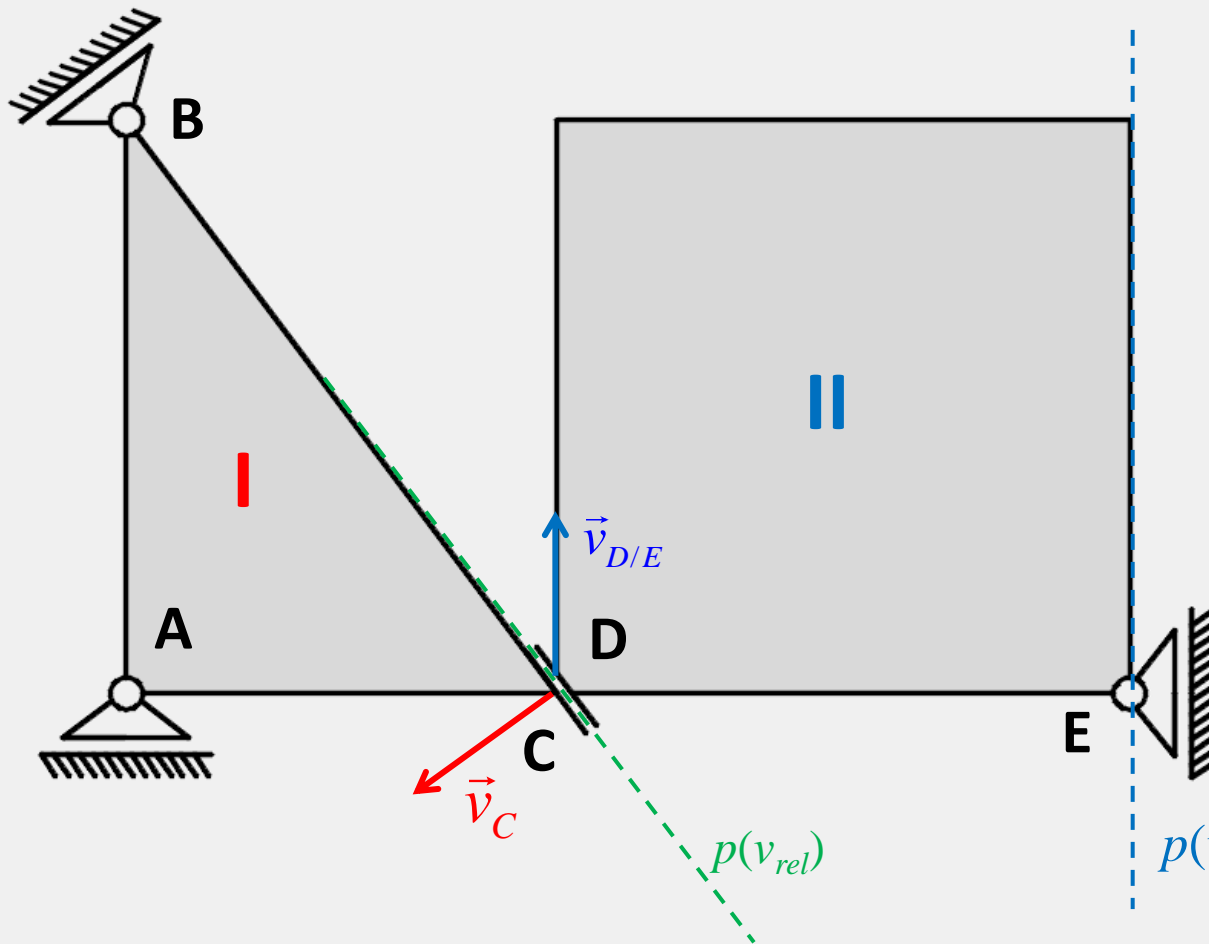
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$$\vec{\omega}_{II} = \vec{\omega}_I = -2\vec{k}$$

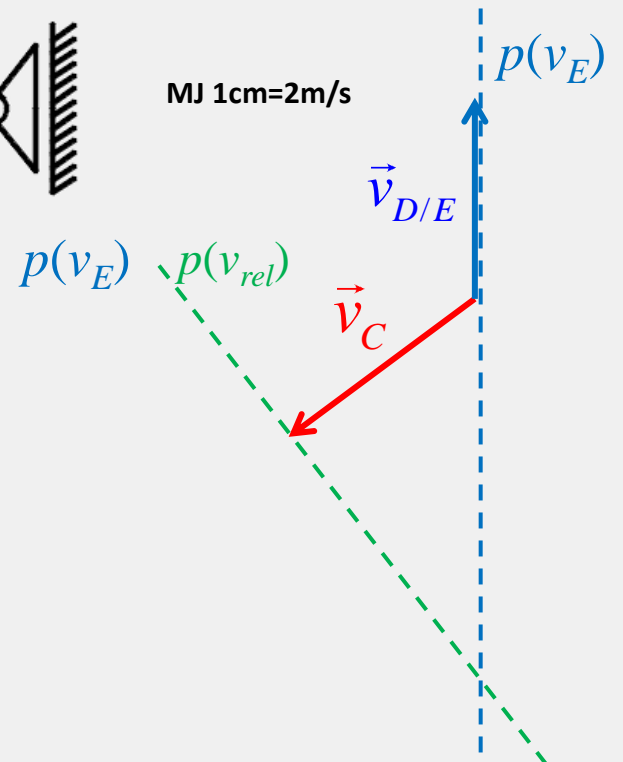
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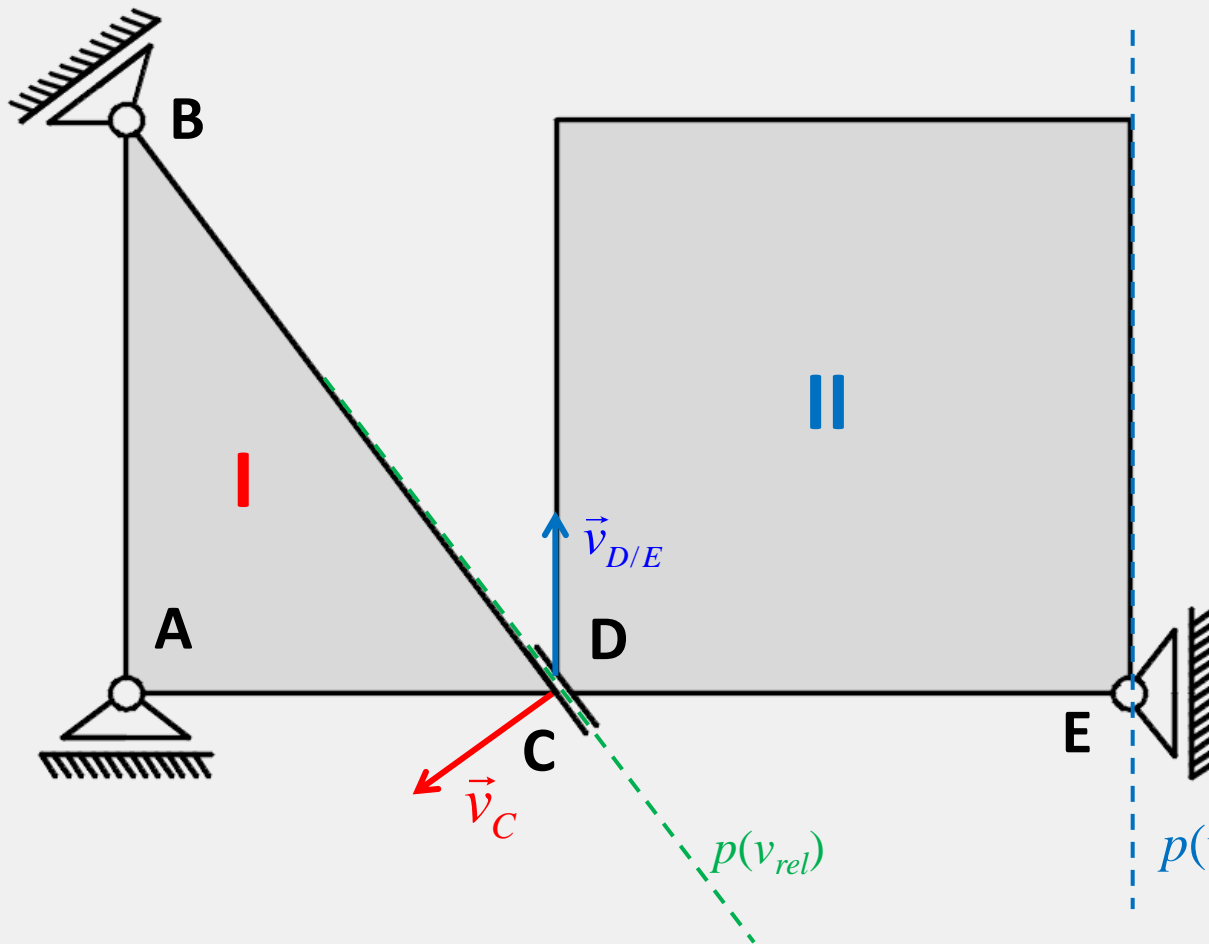
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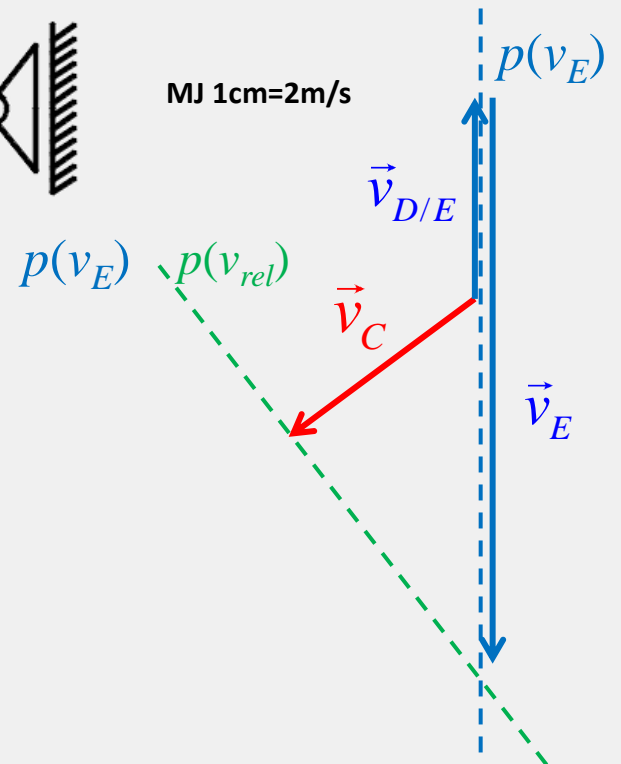
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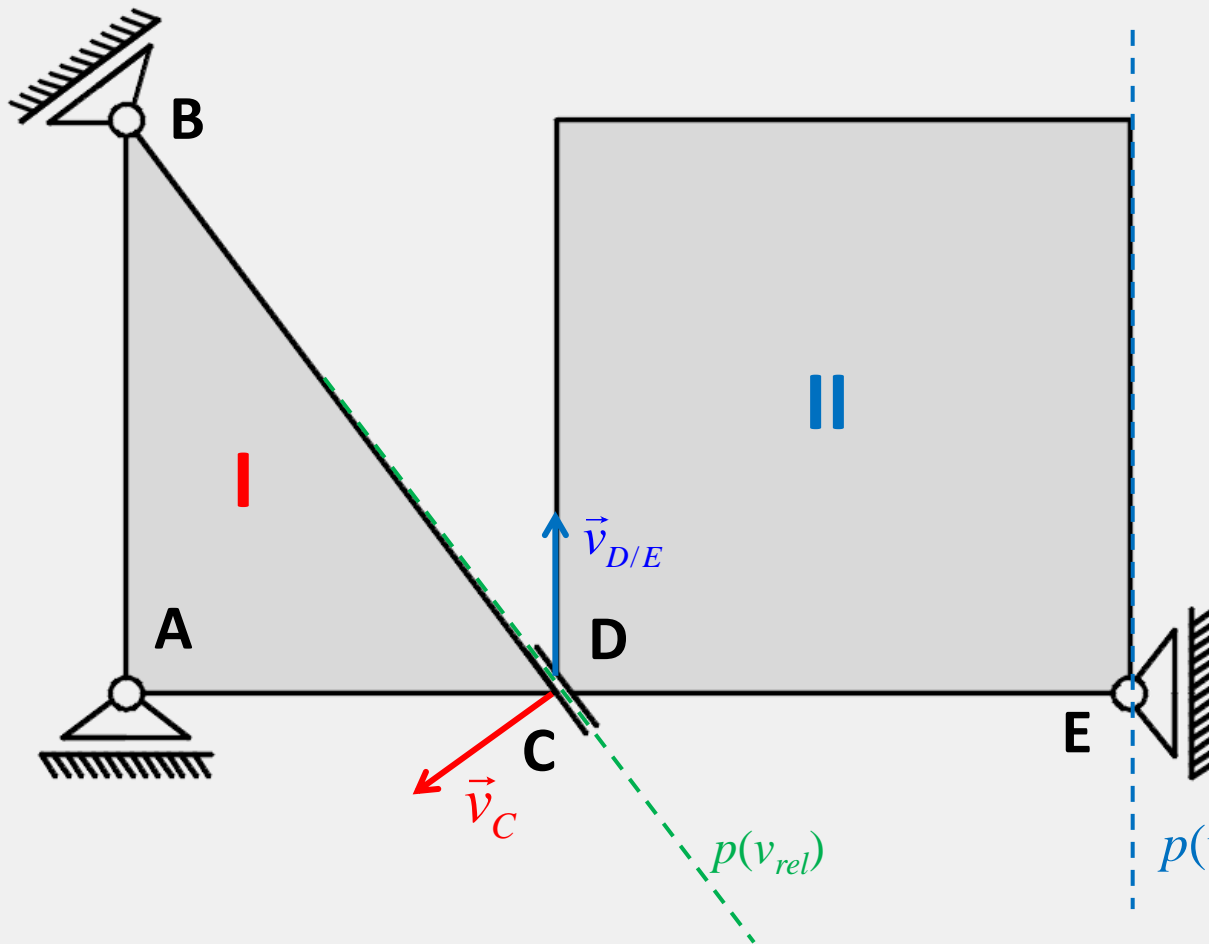
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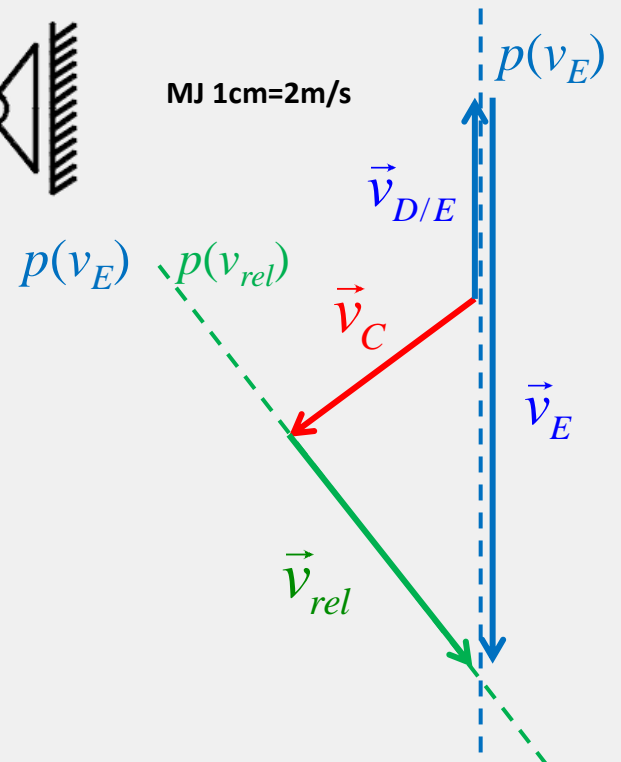
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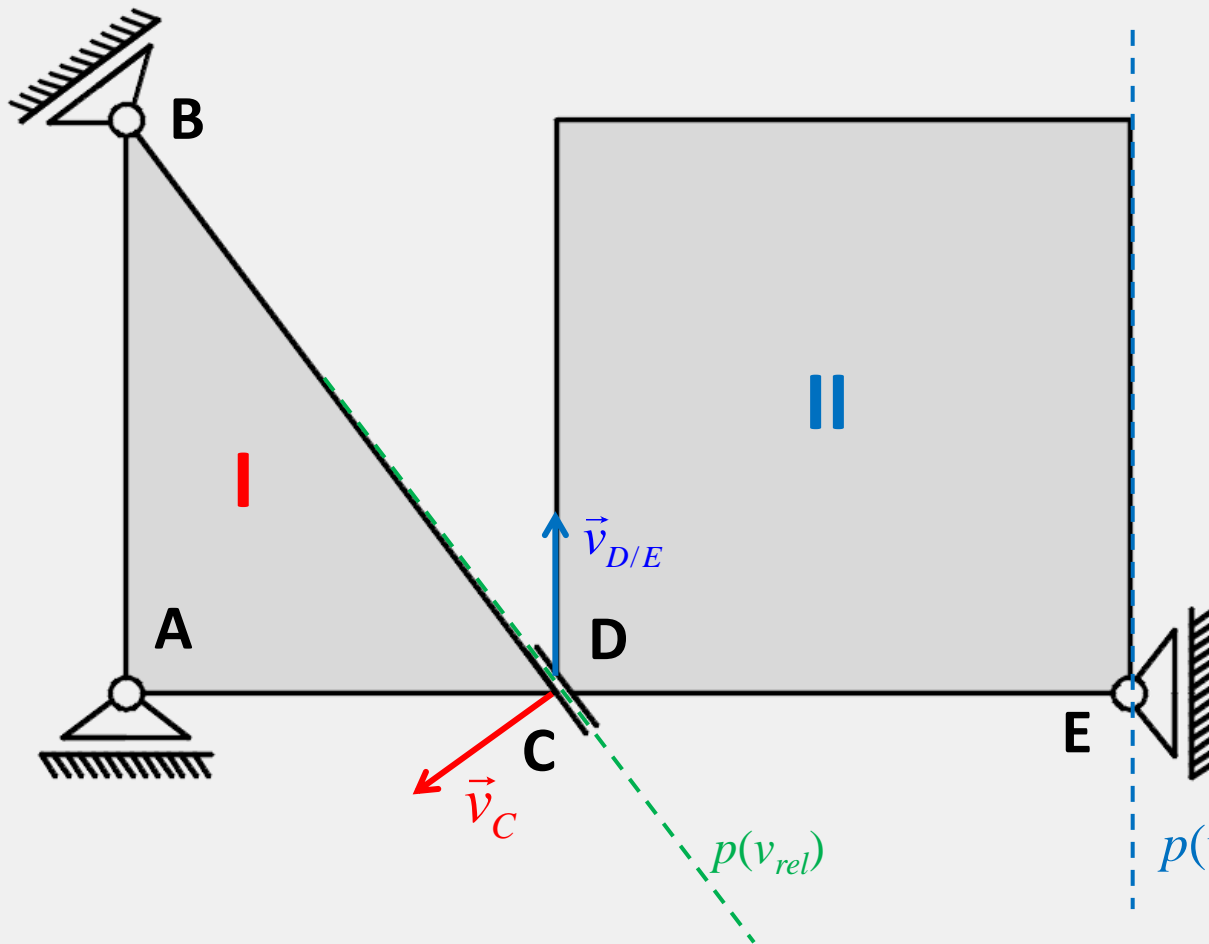
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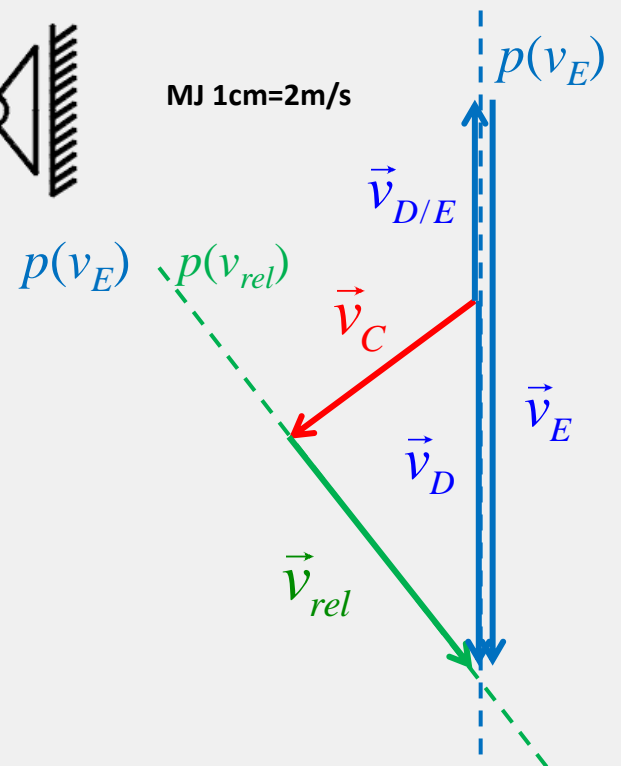
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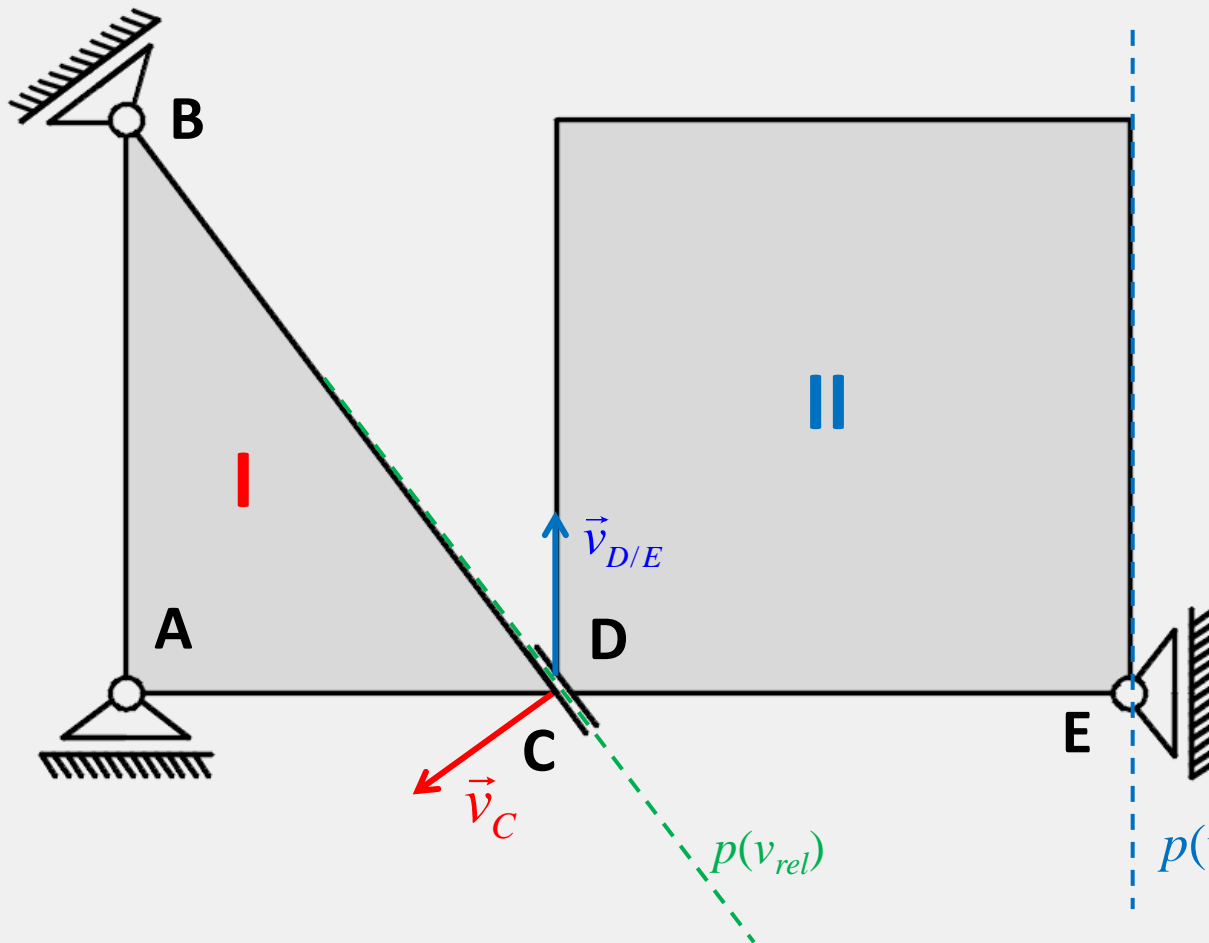
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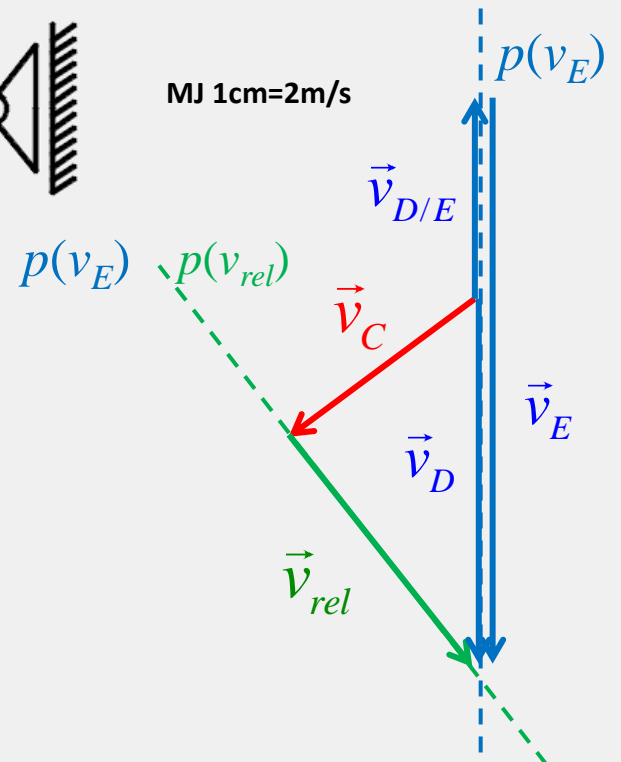
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Gibanje tijela II

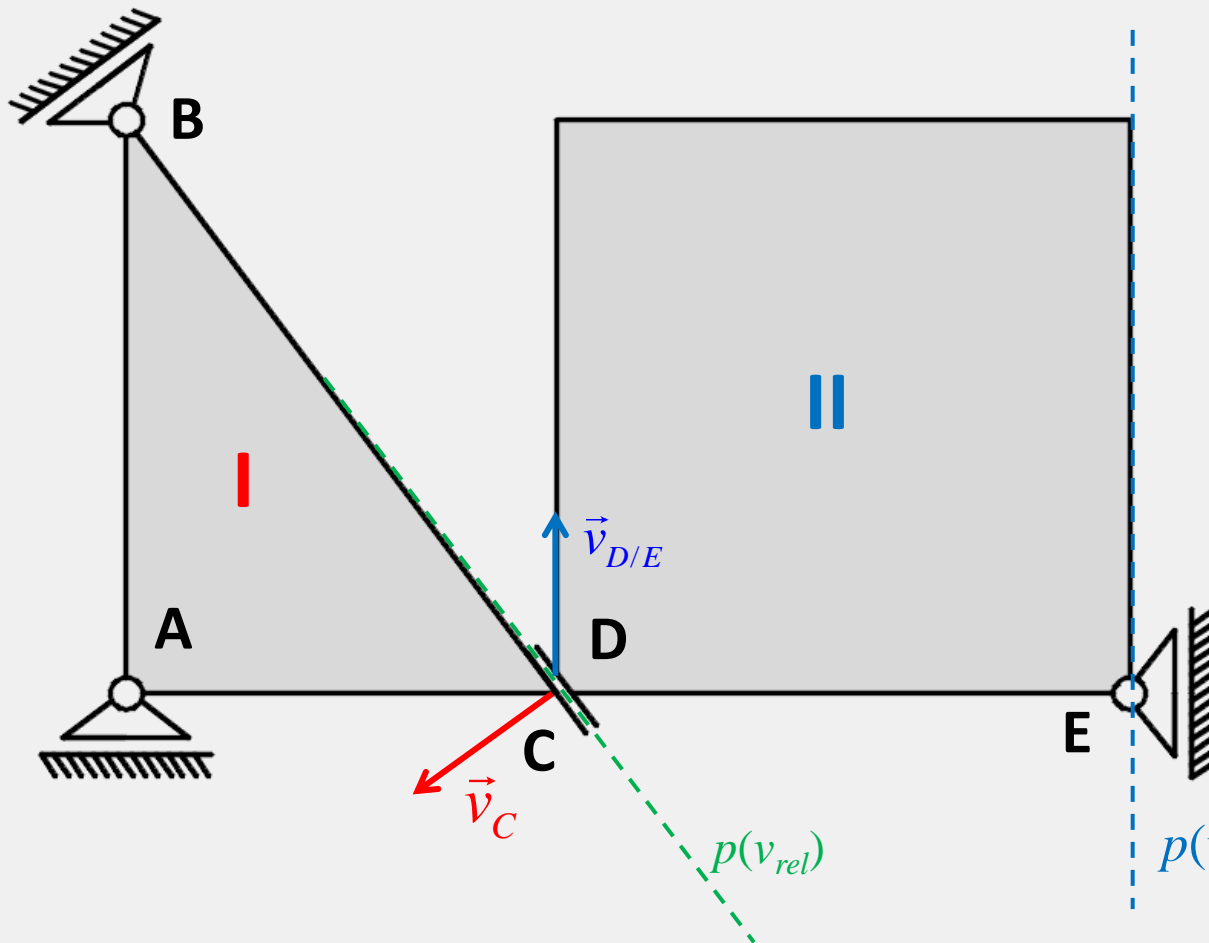
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očitano:



Uvjeti spoja tijela I i II

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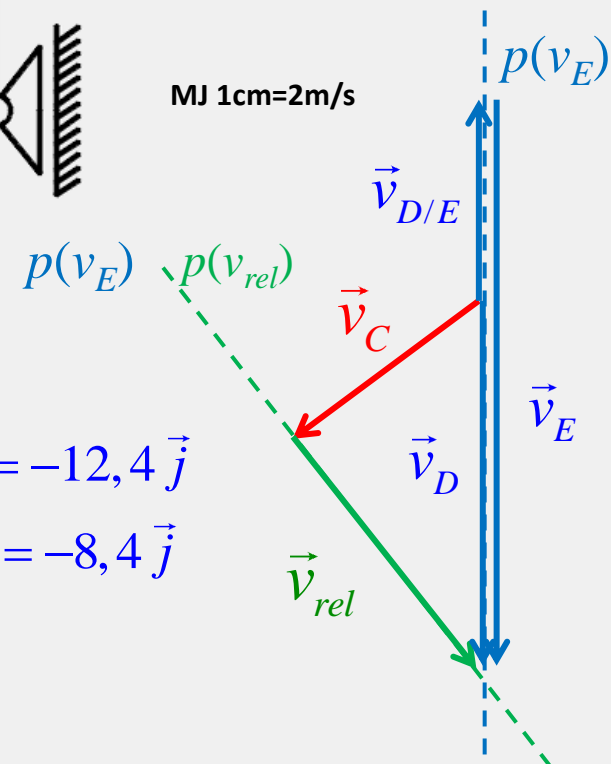
$$\vec{v}_{D/E} = 2 \cdot 2\vec{j} = 4\vec{j}$$

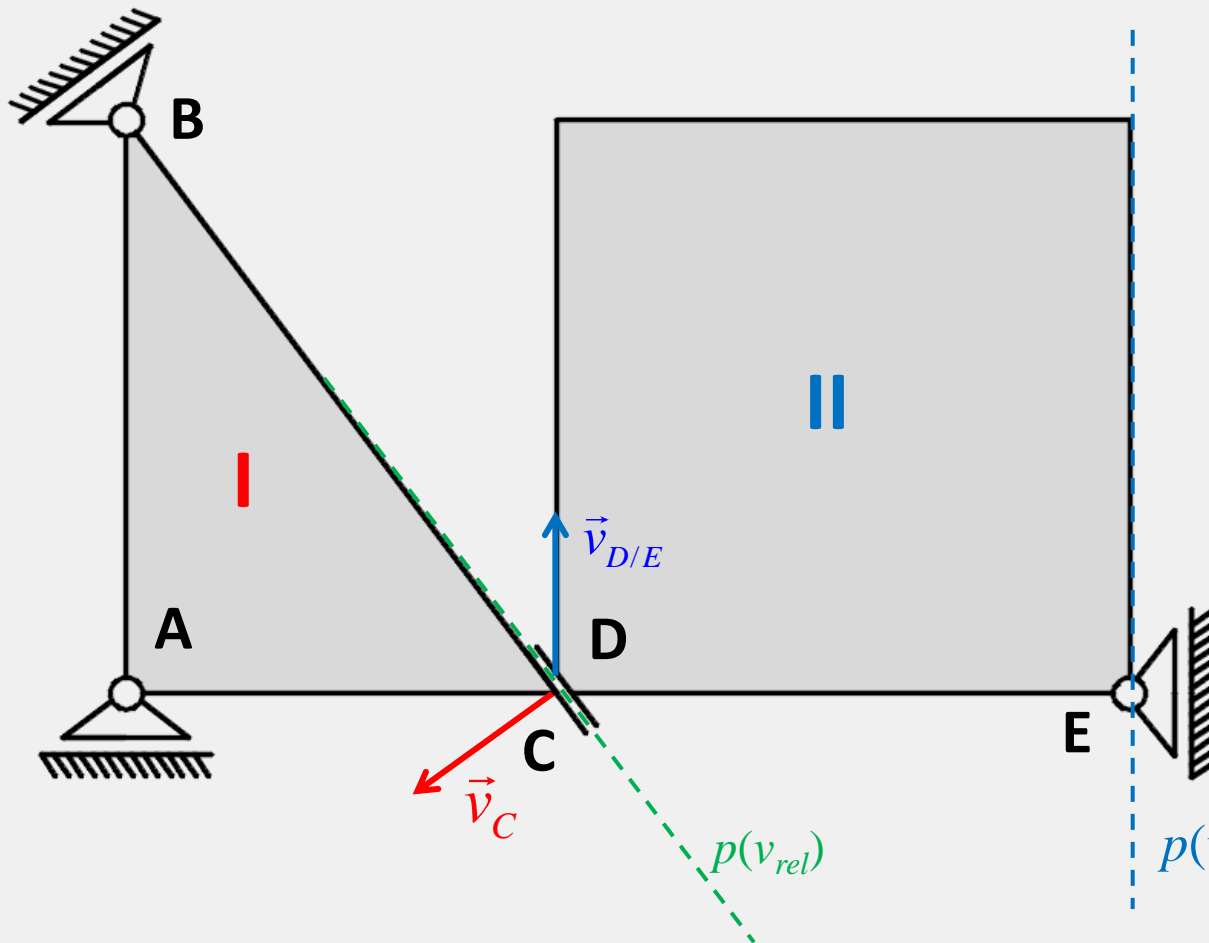
MJ 1cm=2m/s

očitano:

$$v_E = 6,2 \text{ cm} = 12,4 \text{ m/s} \quad \vec{v}_E = -12,4\vec{j}$$

$$v_D = 4,2 \text{ cm} = 8,4 \text{ m/s} \quad \vec{v}_D = -8,4\vec{j}$$





Uvjeti spoja tijela I i II

$$\vec{\omega}_{II} = \vec{\omega}_I = -2\vec{k}$$

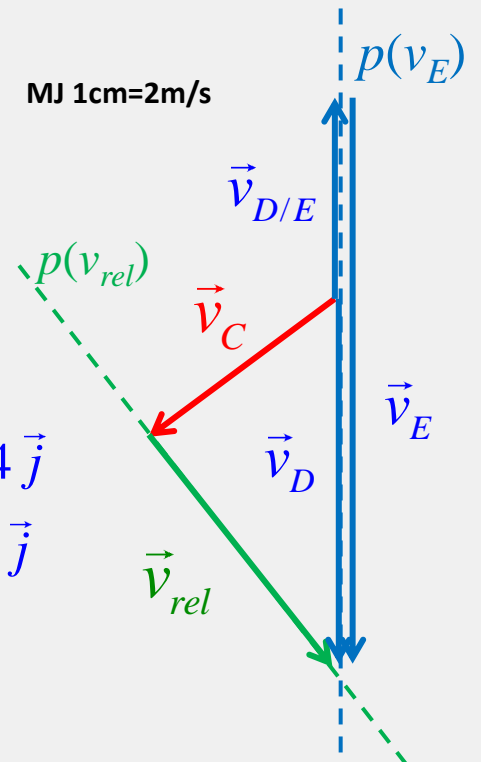
$$\vec{v}_D = \vec{v}_C + \vec{v}_{rel}$$

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MJ 1cm=2m/s



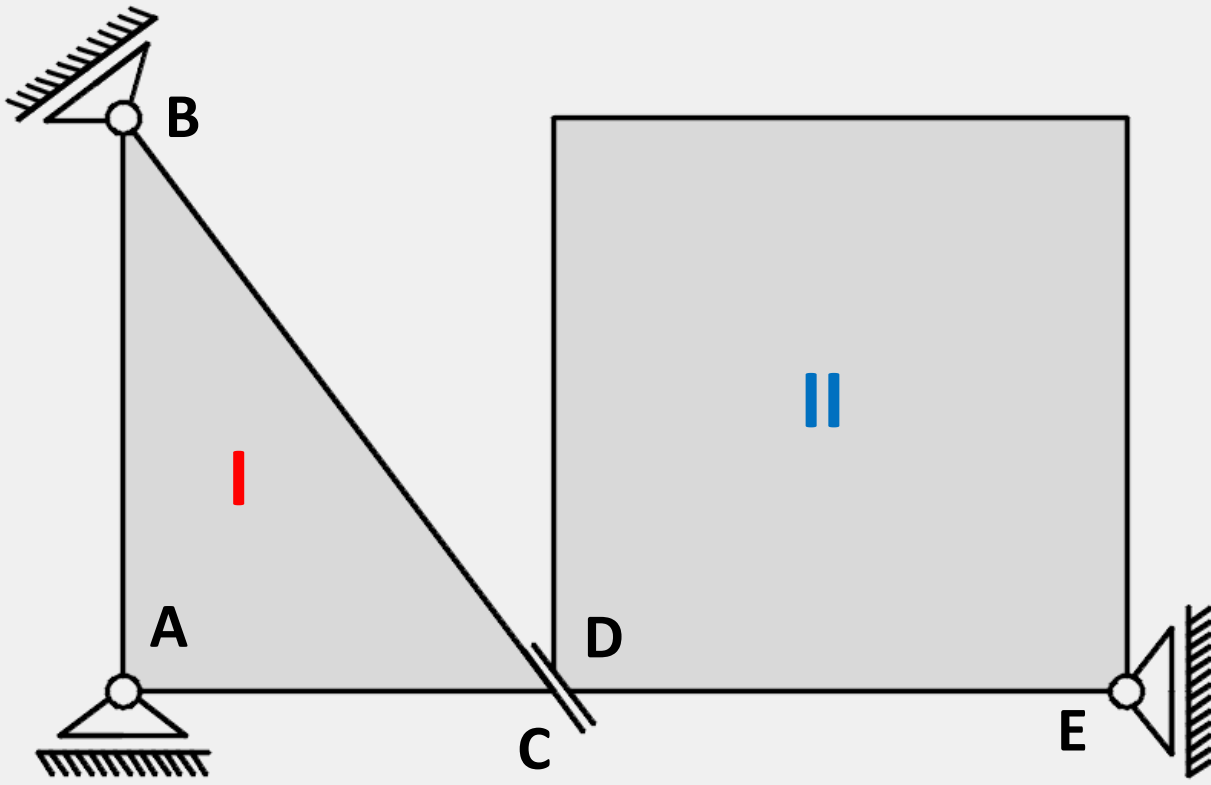
očitano:

$$v_E = 6,2 \text{ cm} = 12,4 \text{ m/s} \quad \vec{v}_E = -12,4\vec{j}$$

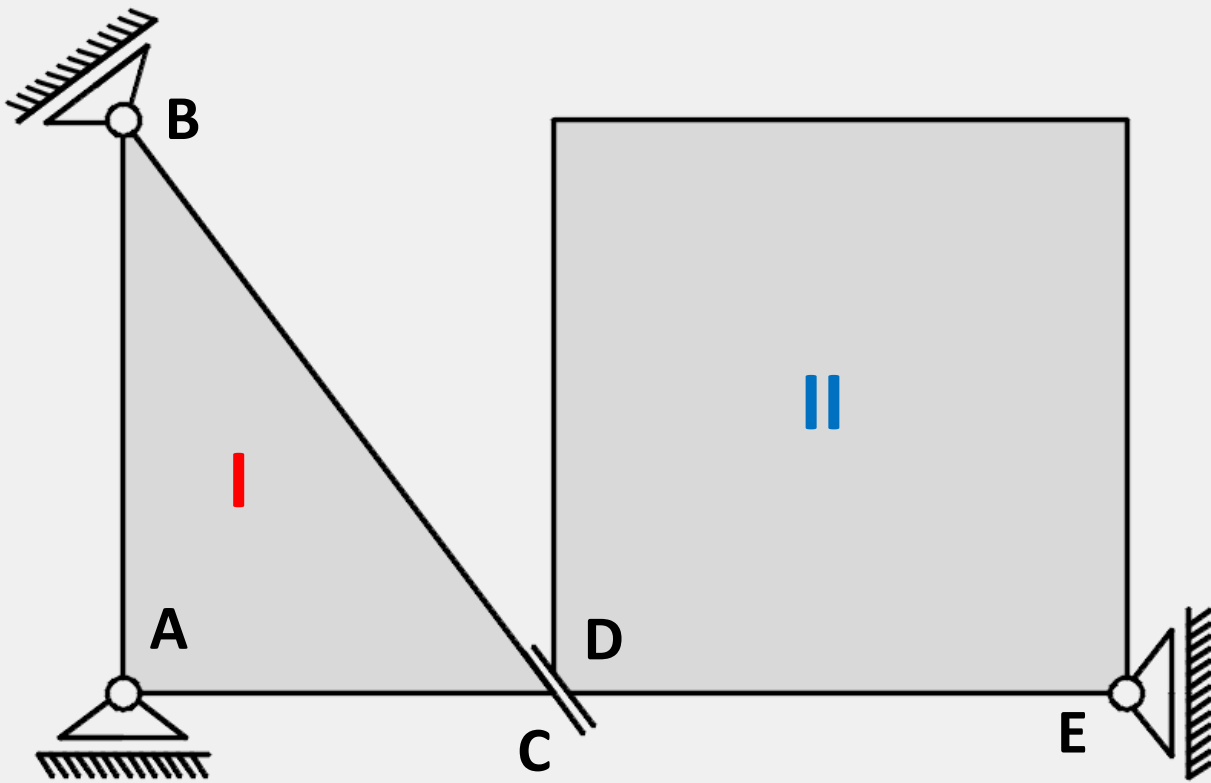
$$v_D = 4,2 \text{ cm} = 8,4 \text{ m/s} \quad \vec{v}_D = -8,4\vec{j}$$

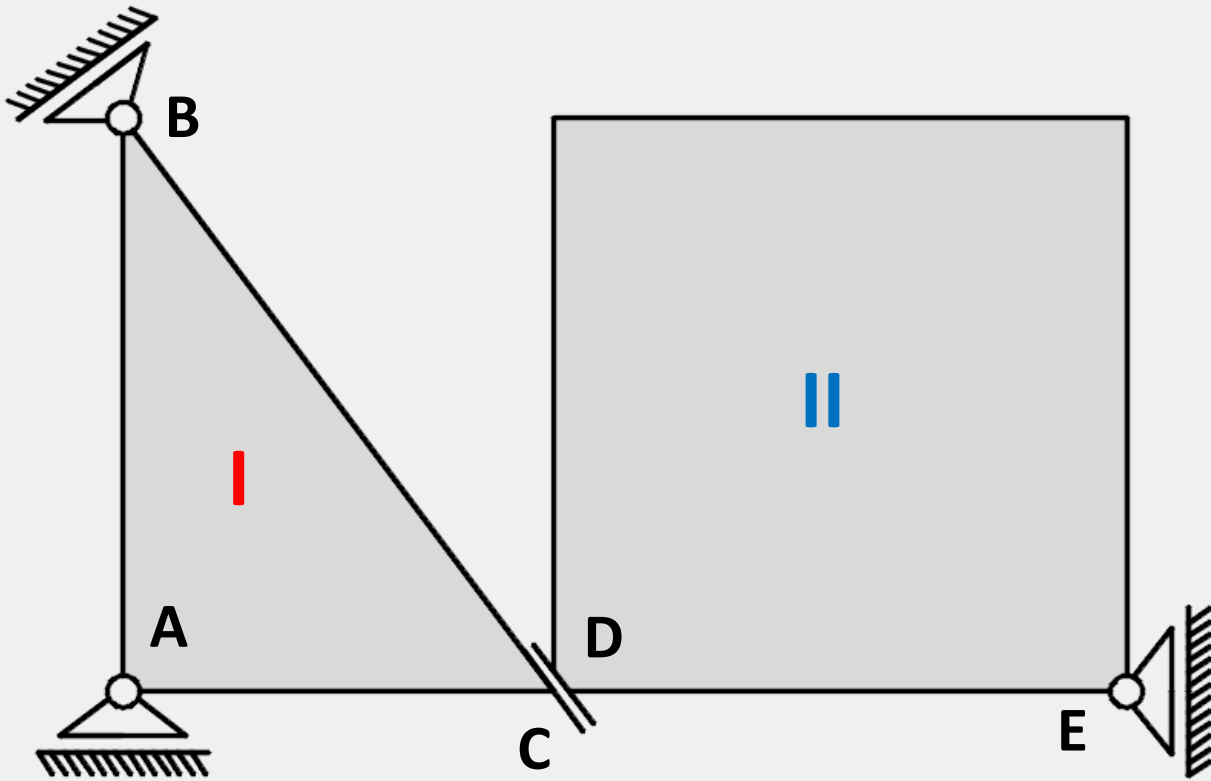
$$v_{rel} = 3,4 \text{ cm} = 6,8 \text{ m/s}$$

$$\vec{v}_{rel} = 4\vec{i} - 5,4\vec{j}$$



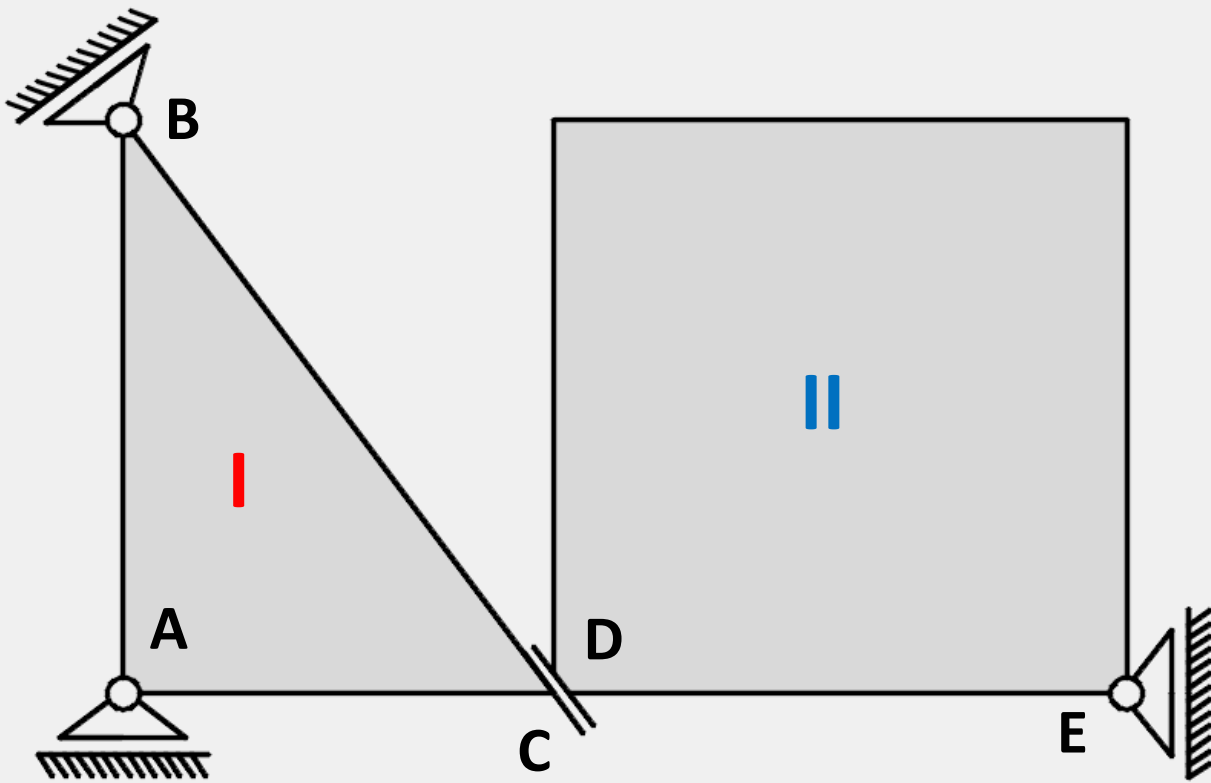
Gibanje tijela I





Gibanje tijela I

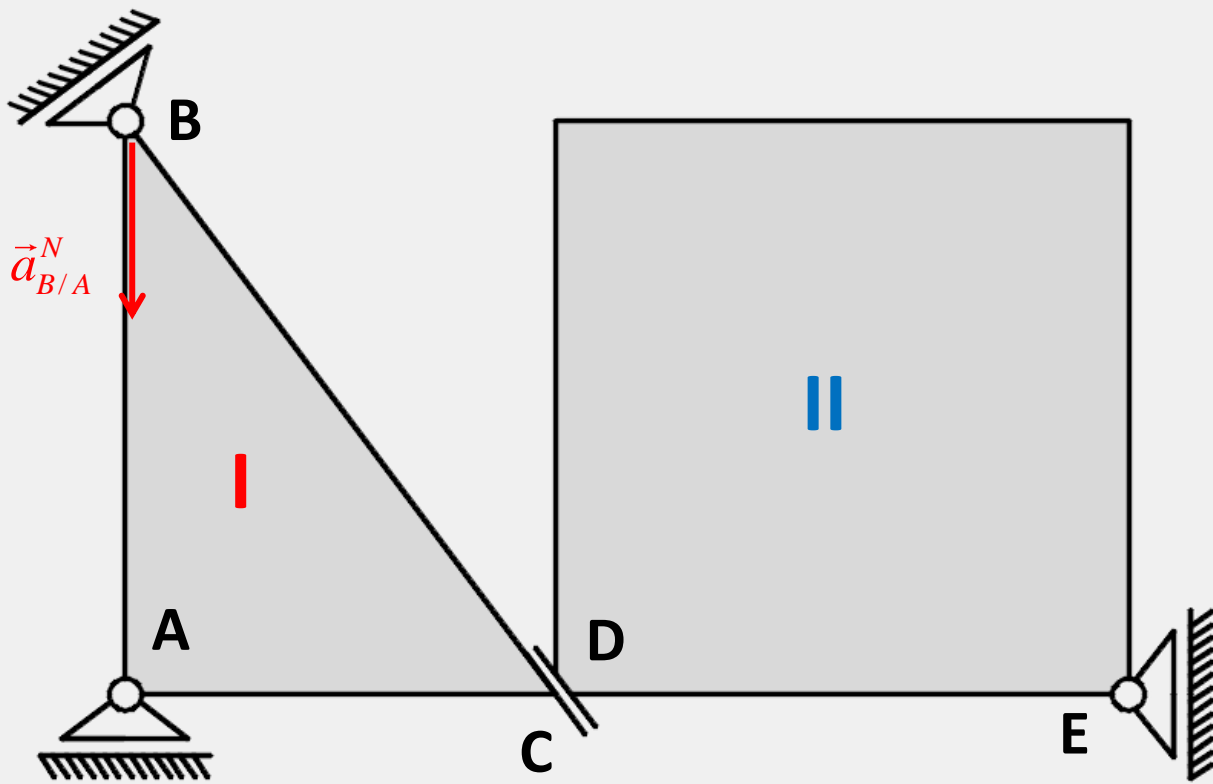
$$\vec{a}_A = 0 \quad (v_A = \text{const.})$$



Gibanje tijela I

$$\vec{a}_A = 0 \quad (v_A = \text{const.})$$

$$\vec{a}_B = \vec{a}_A + \vec{a}_{B/A}^N + \vec{a}_{B/A}^T$$

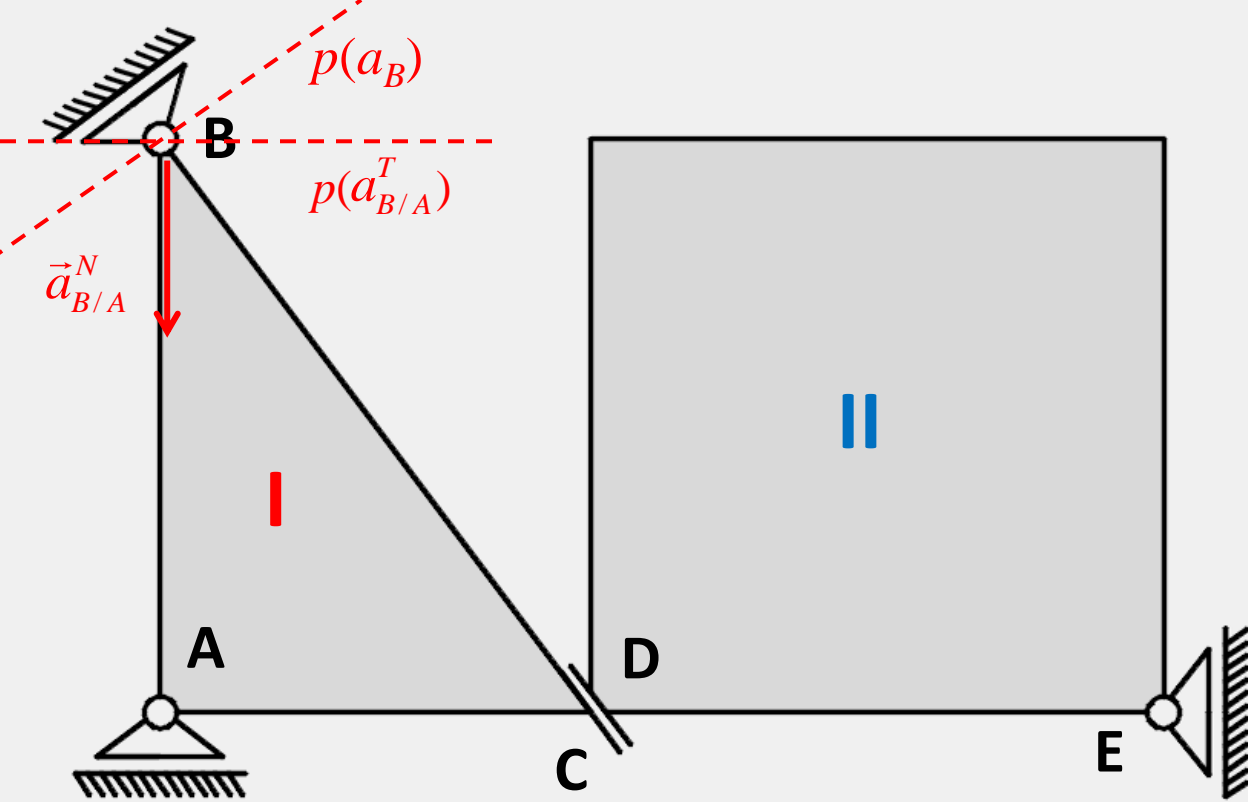


Gibanje tijela I

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$$\vec{a}_B = \vec{a}_A + \vec{a}_{B/A}^N + \vec{a}_{B/A}^T$$

$$\vec{a}_{B/A}^N = -\omega_I^2 \cdot 2 = -8\vec{j}$$

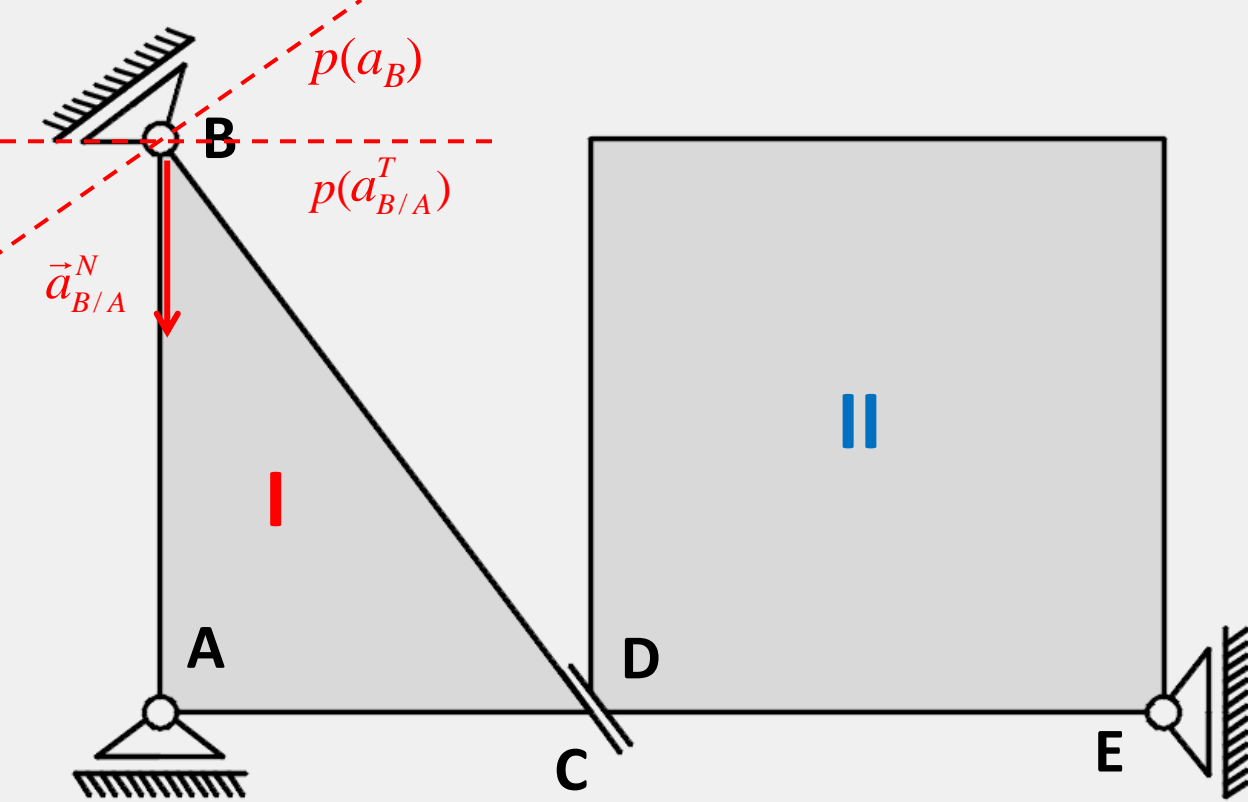


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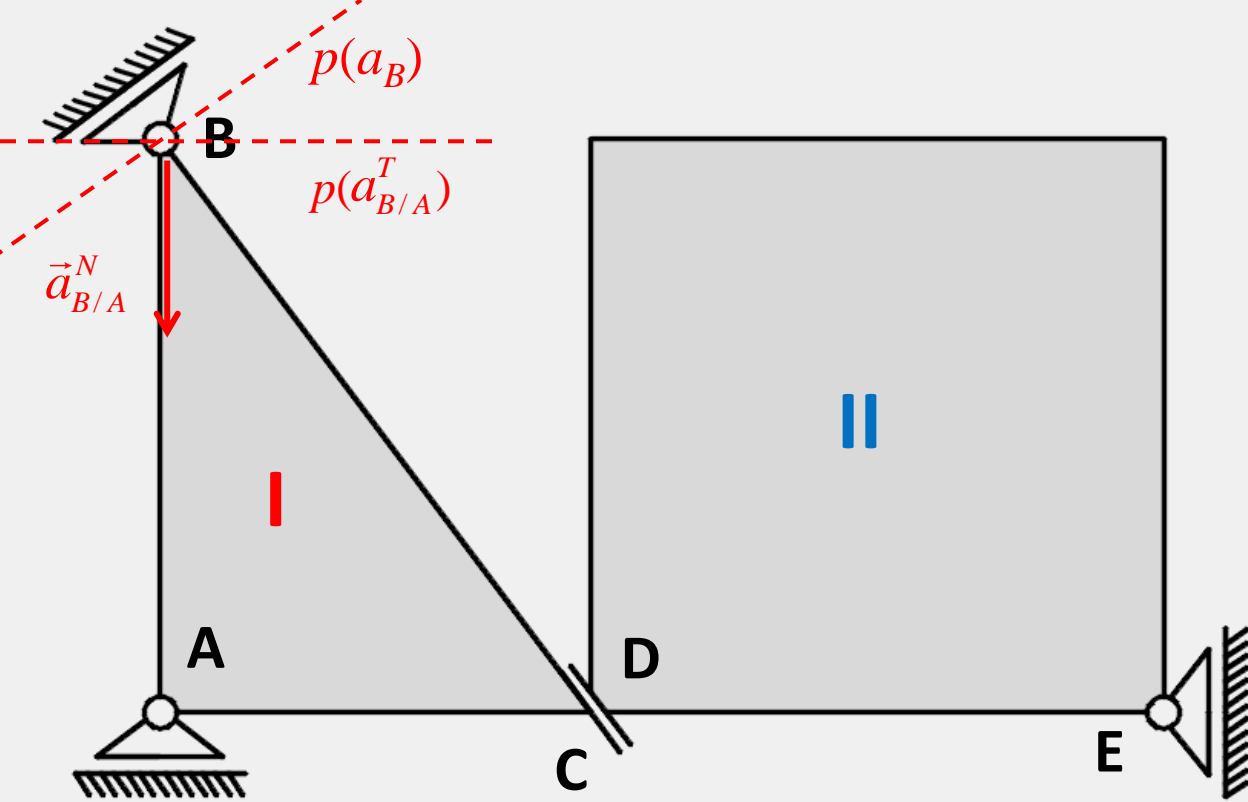
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MJ 1cm=2m/s



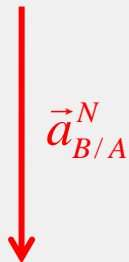
Gibanje tijela I

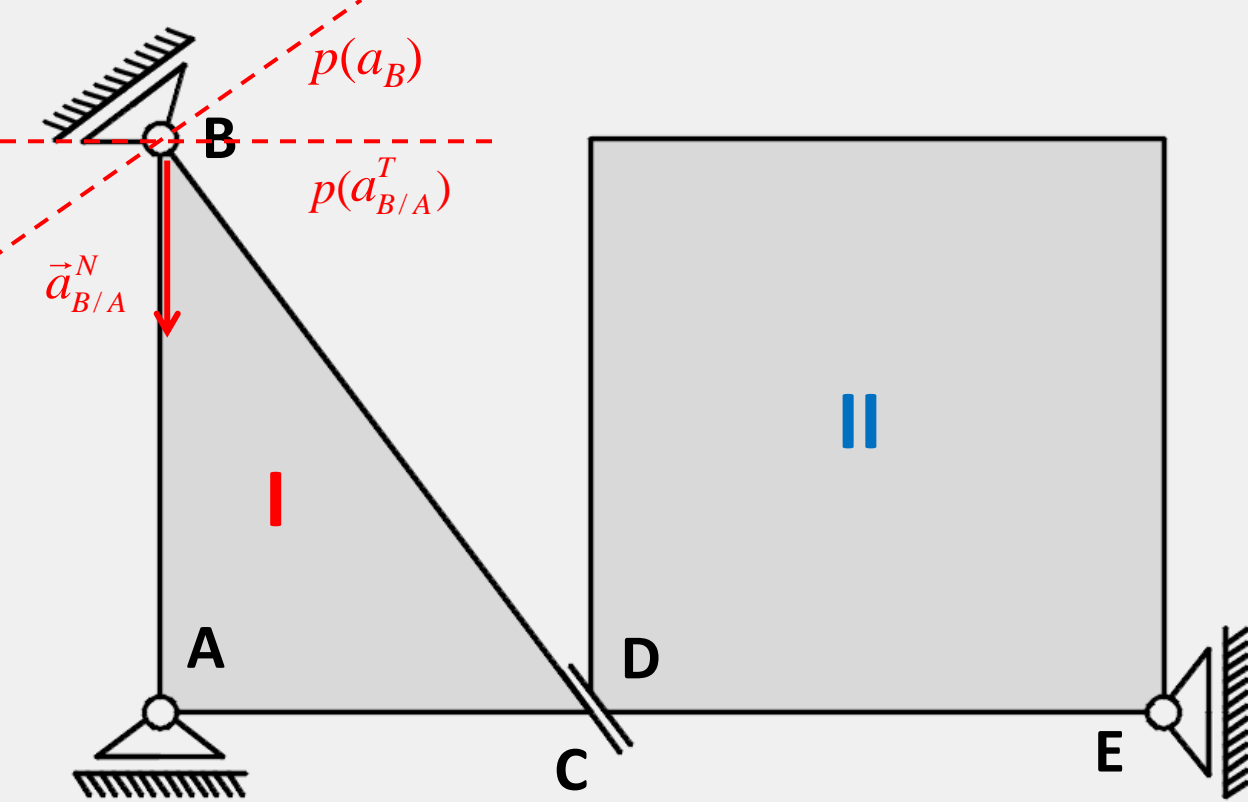
$$\vec{a}_A = 0 \quad (v_A = \text{const.})$$

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Gibanje tijela I

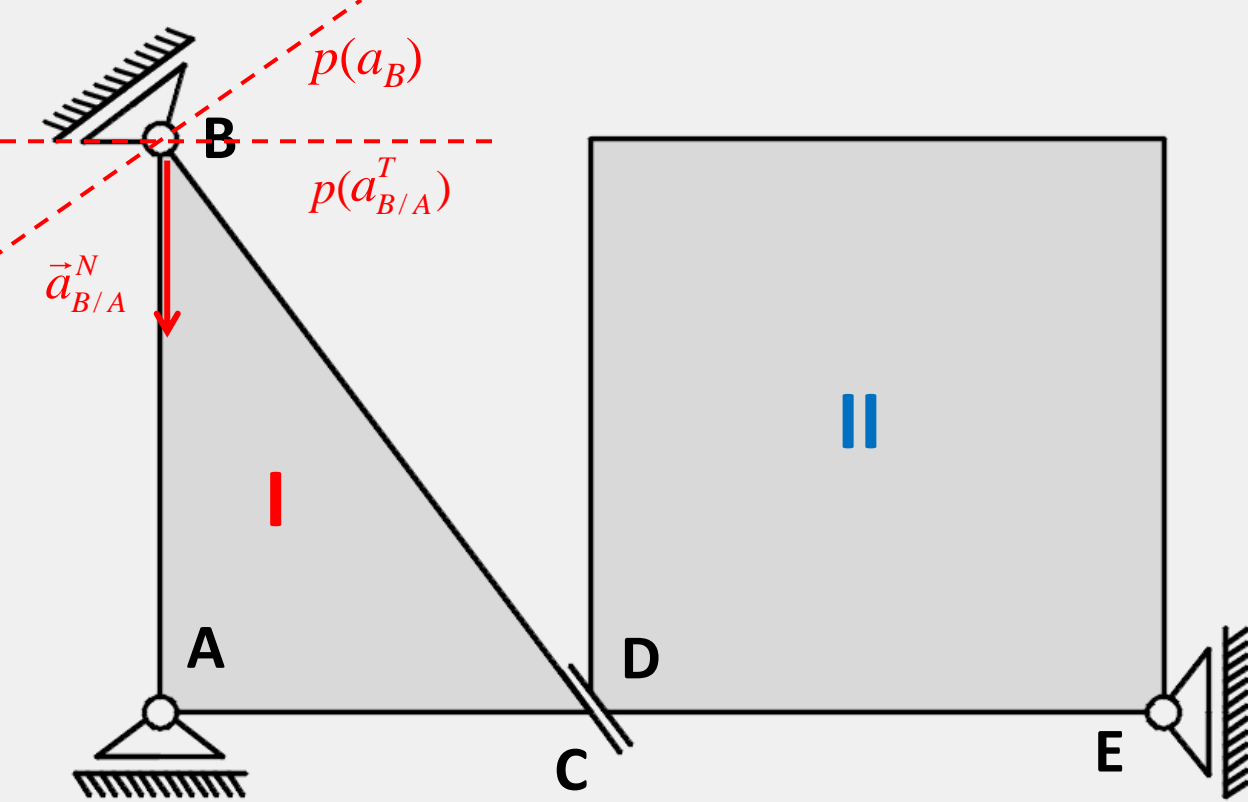
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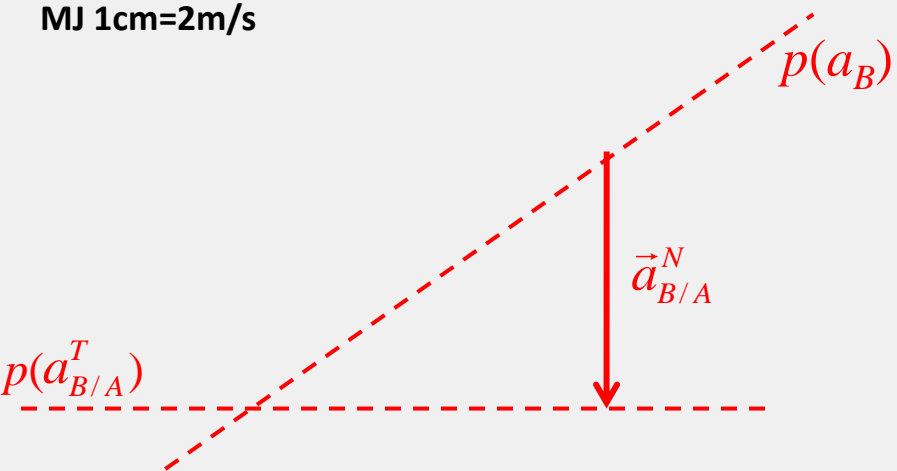
Gibanje tijela I

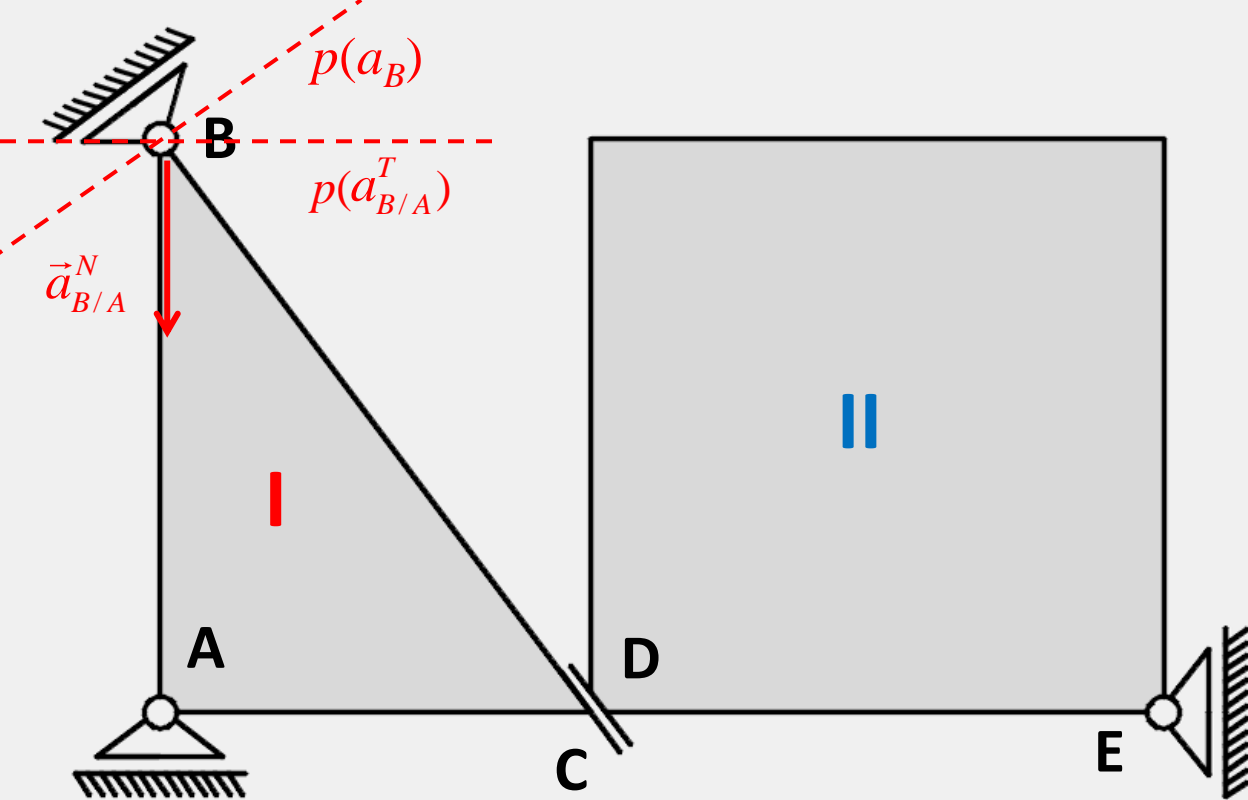
$$\vec{a}_A = 0 \quad (v_A = \text{const.})$$

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MJ 1cm=2m/s





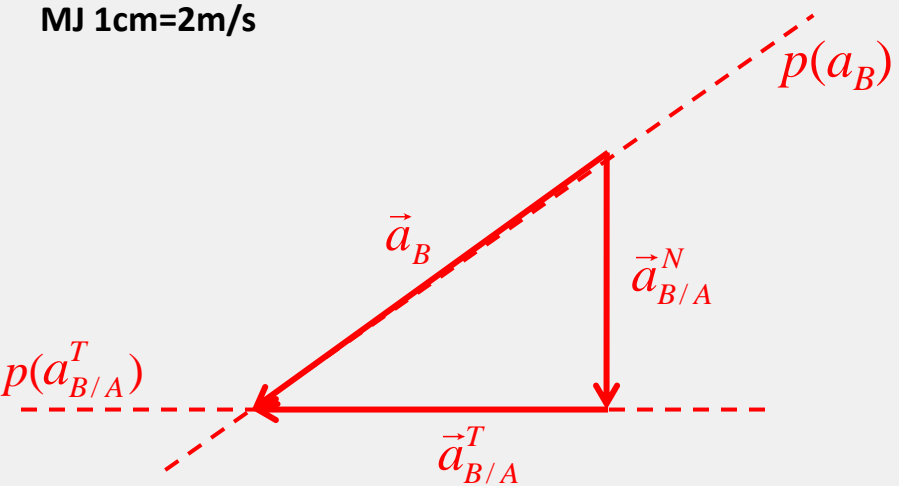
Gibanje tijela I

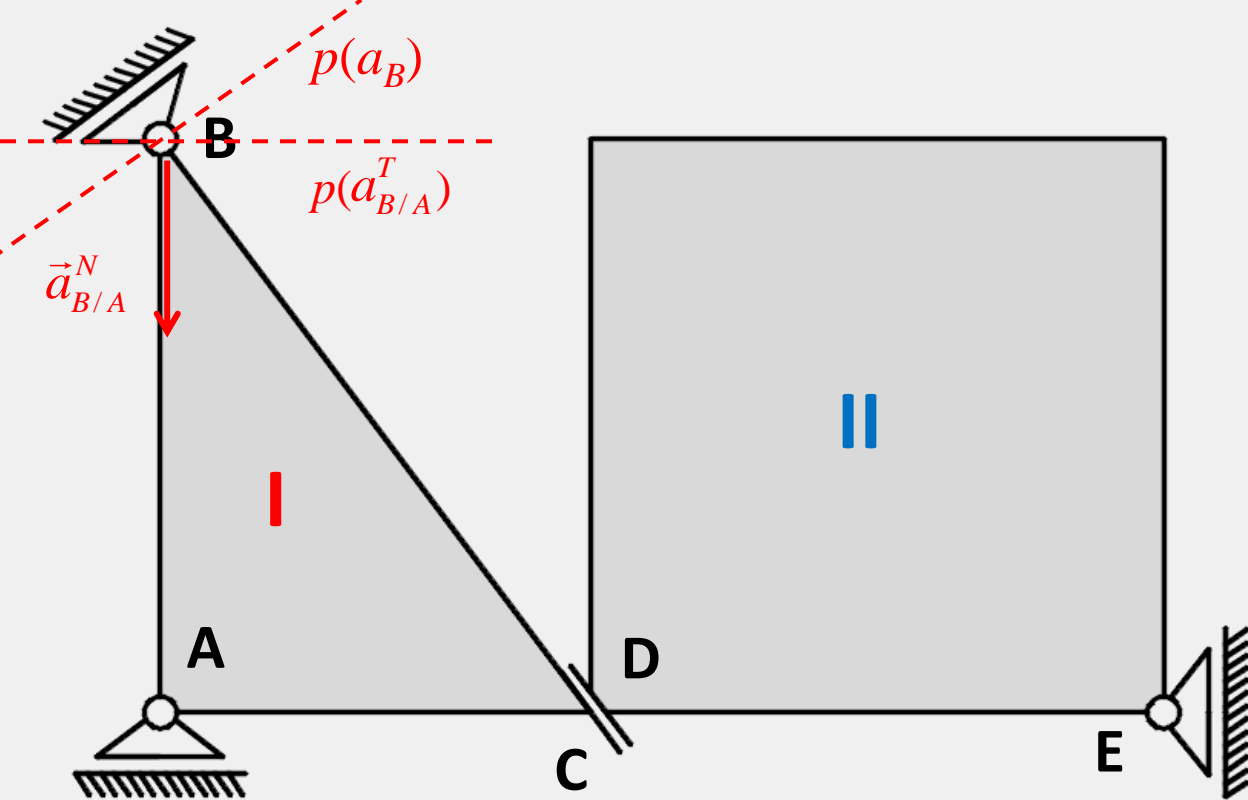
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MJ 1cm=2m/s





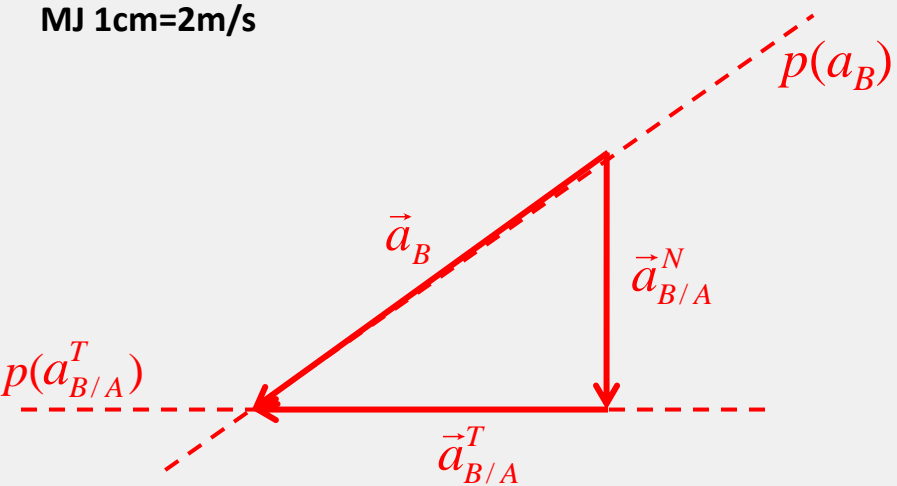
Gibanje tijela I

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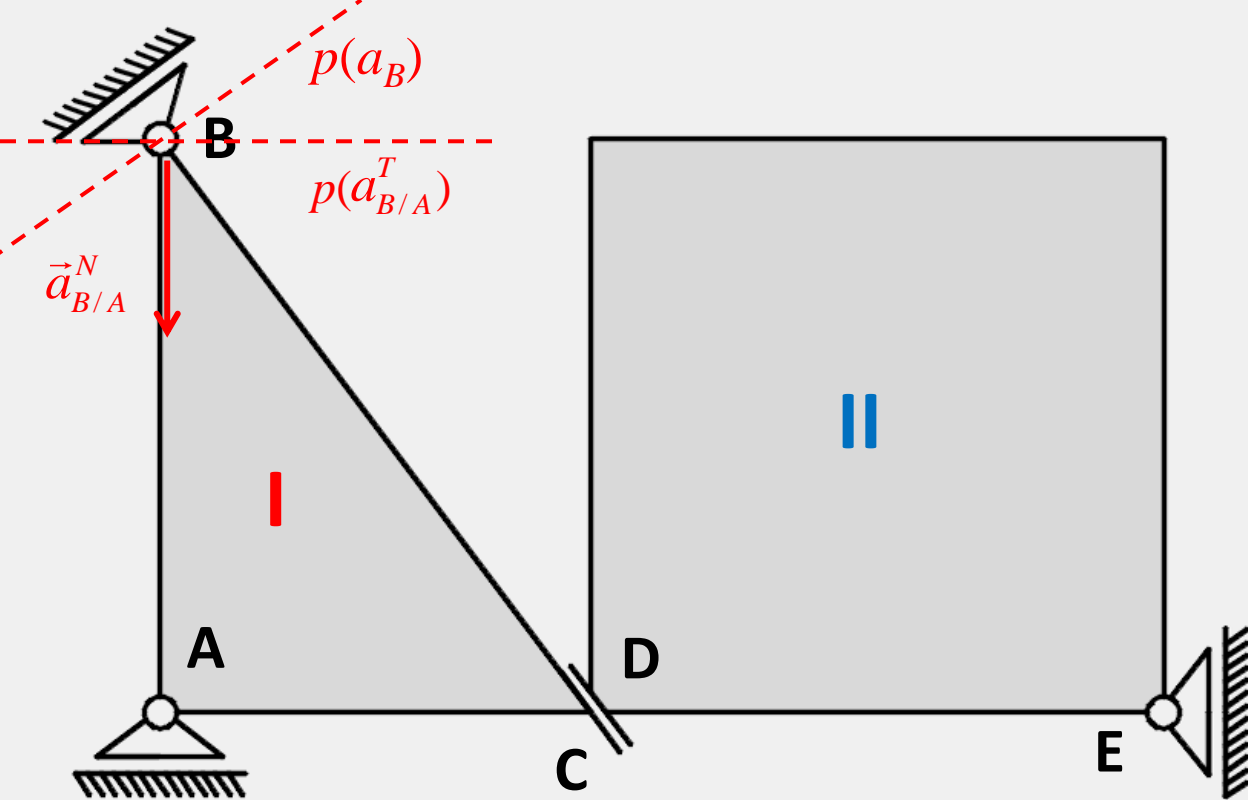
MJ 1cm=2m/s



očitano:

$$a_B = 6,6 \text{ cm} = 13,2 \text{ m/s}^2 \quad \vec{a}_B = -10,6\vec{i} - 8\vec{j}$$

$$a_{B/A}^T = 5,3 \text{ cm} = 10,6 \text{ m/s}^2$$



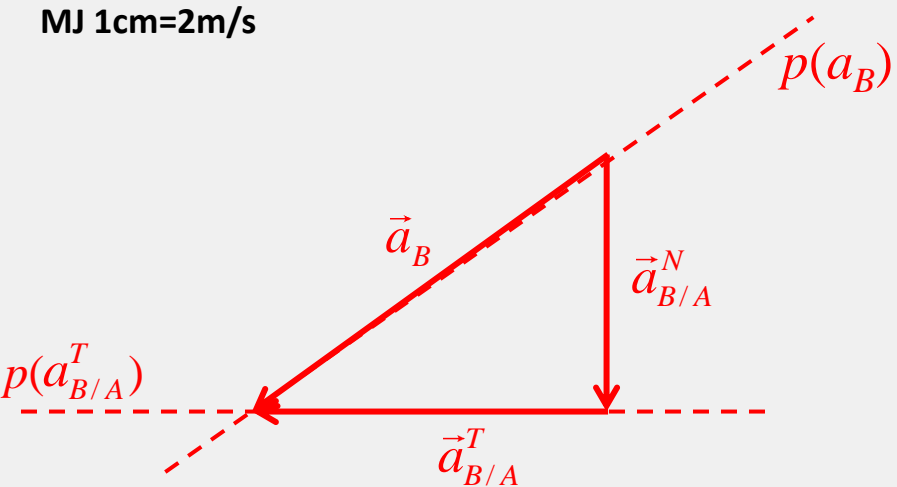
Gibanje tijela I

$$\vec{a}_A = 0 \quad (v_A = \text{const.})$$

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$$\vec{a}_{B/A}^N = -\omega_I^2 \cdot 2 = -8\vec{j}$$

MJ 1cm=2m/s

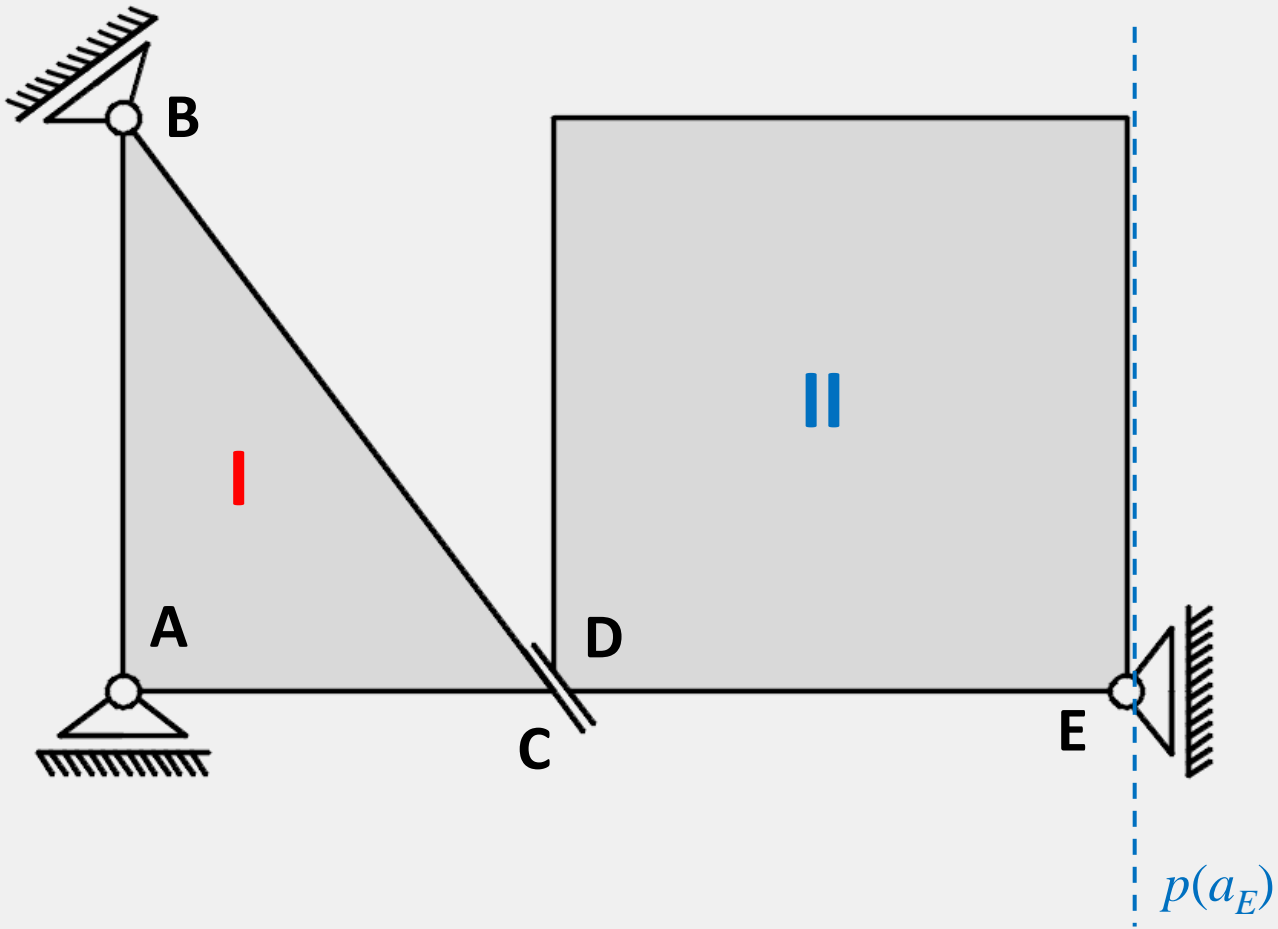


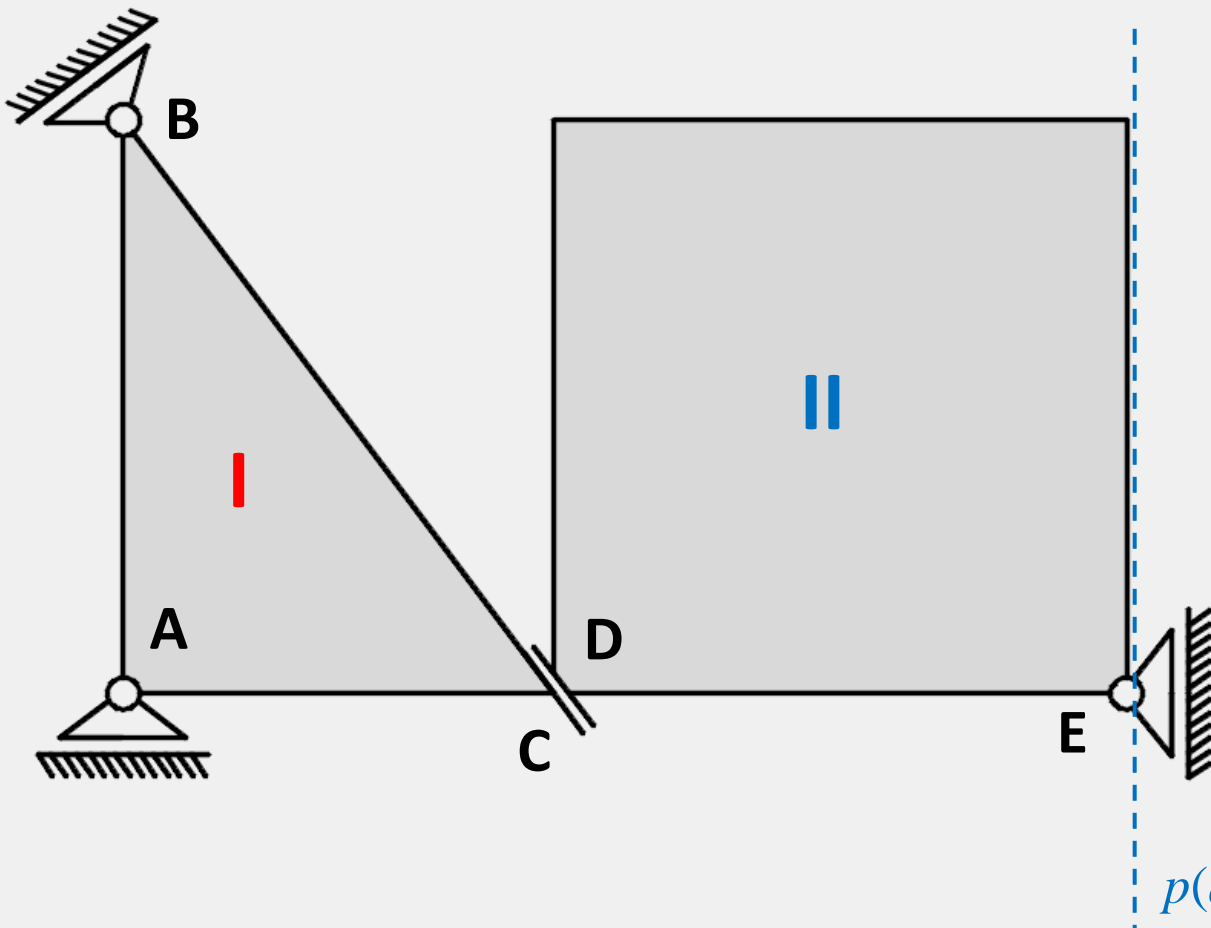
očitano:

$$a_B = 6,6 \text{ cm} = 13,2 \text{ m/s}^2 \quad \vec{a}_B = -10,6\vec{i} - 8\vec{j}$$

$$a_{B/A}^T = 5,3 \text{ cm} = 10,6 \text{ m/s}^2$$

$$\varepsilon_I = \frac{a_{B/A}^T}{AB} = \frac{10,6}{2} = 5,3 \text{ r/s}^2 \quad \vec{\varepsilon}_I = 5,3\vec{k}$$

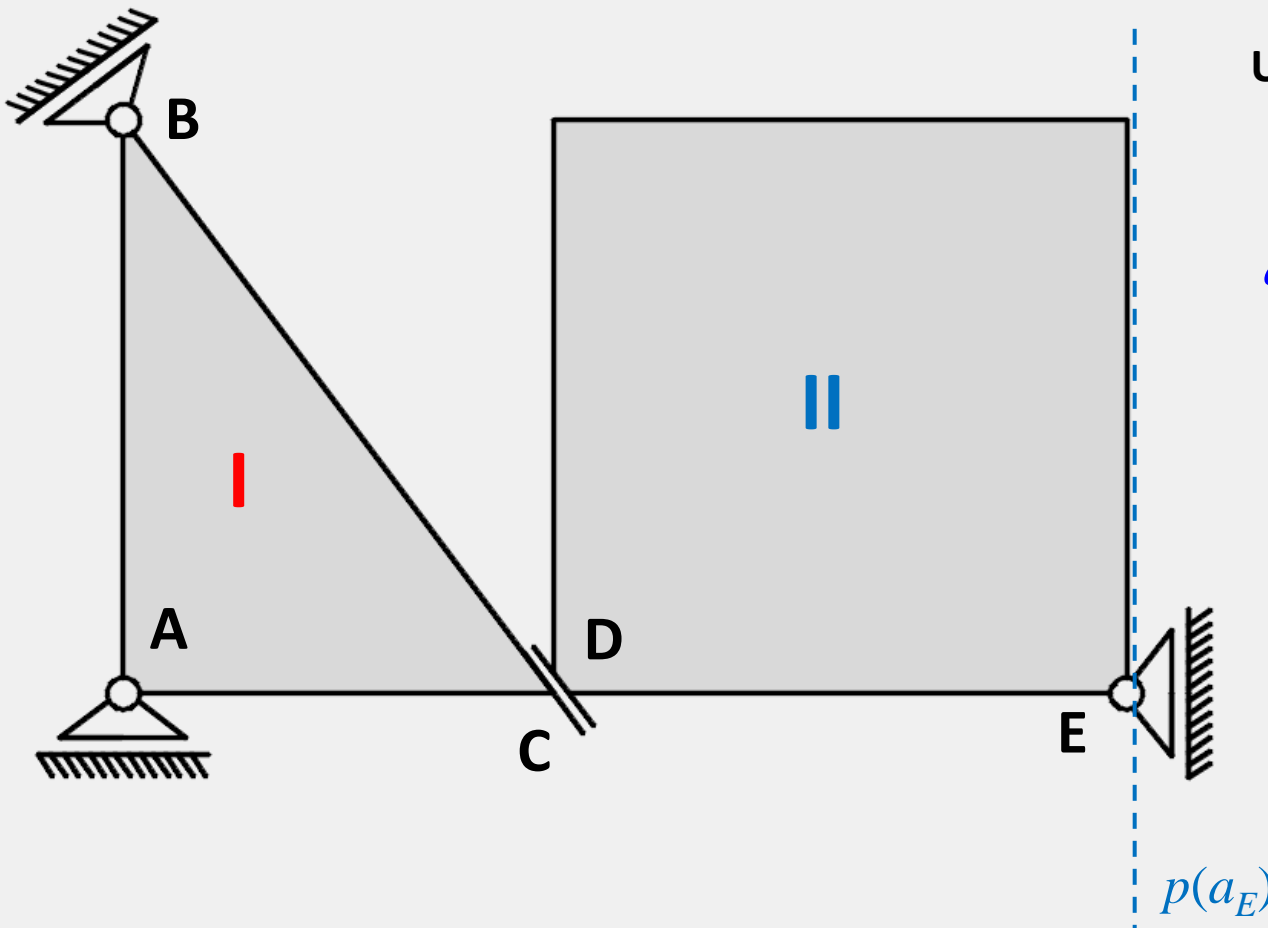




Uvjeti spoja tijela I i II

$$\vec{\varepsilon}_{II} = \vec{\varepsilon}_I = 5,3\vec{k}$$

$$\vec{a}_D = \vec{a}_C + \vec{a}_{rel} + \vec{a}_{cor}$$

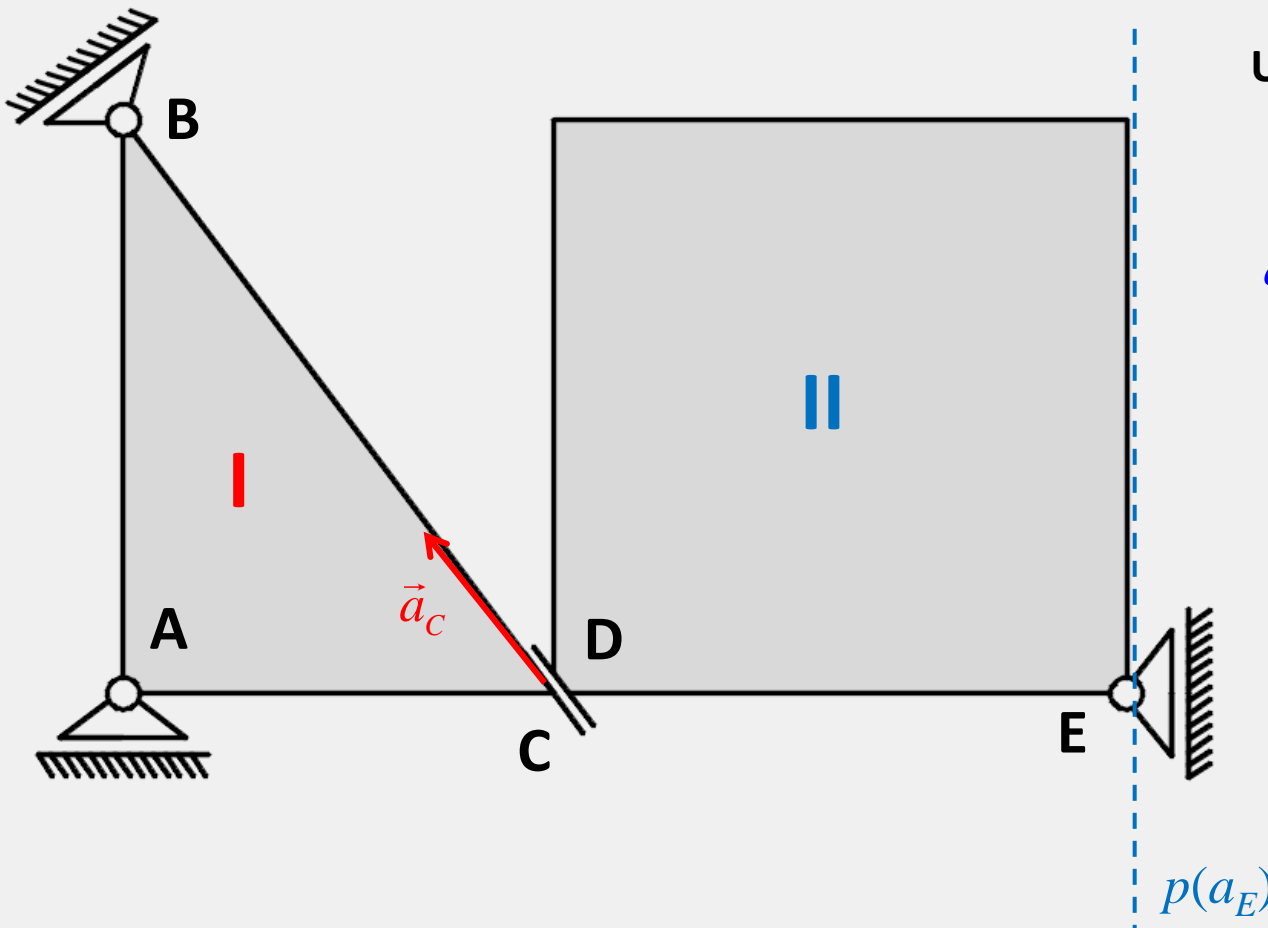


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$$\vec{\varepsilon}_{II} = \vec{\varepsilon}_I = 5,3\vec{k}$$

$$\vec{a}_D = \vec{a}_C + \vec{a}_{rel} + \vec{a}_{cor}$$

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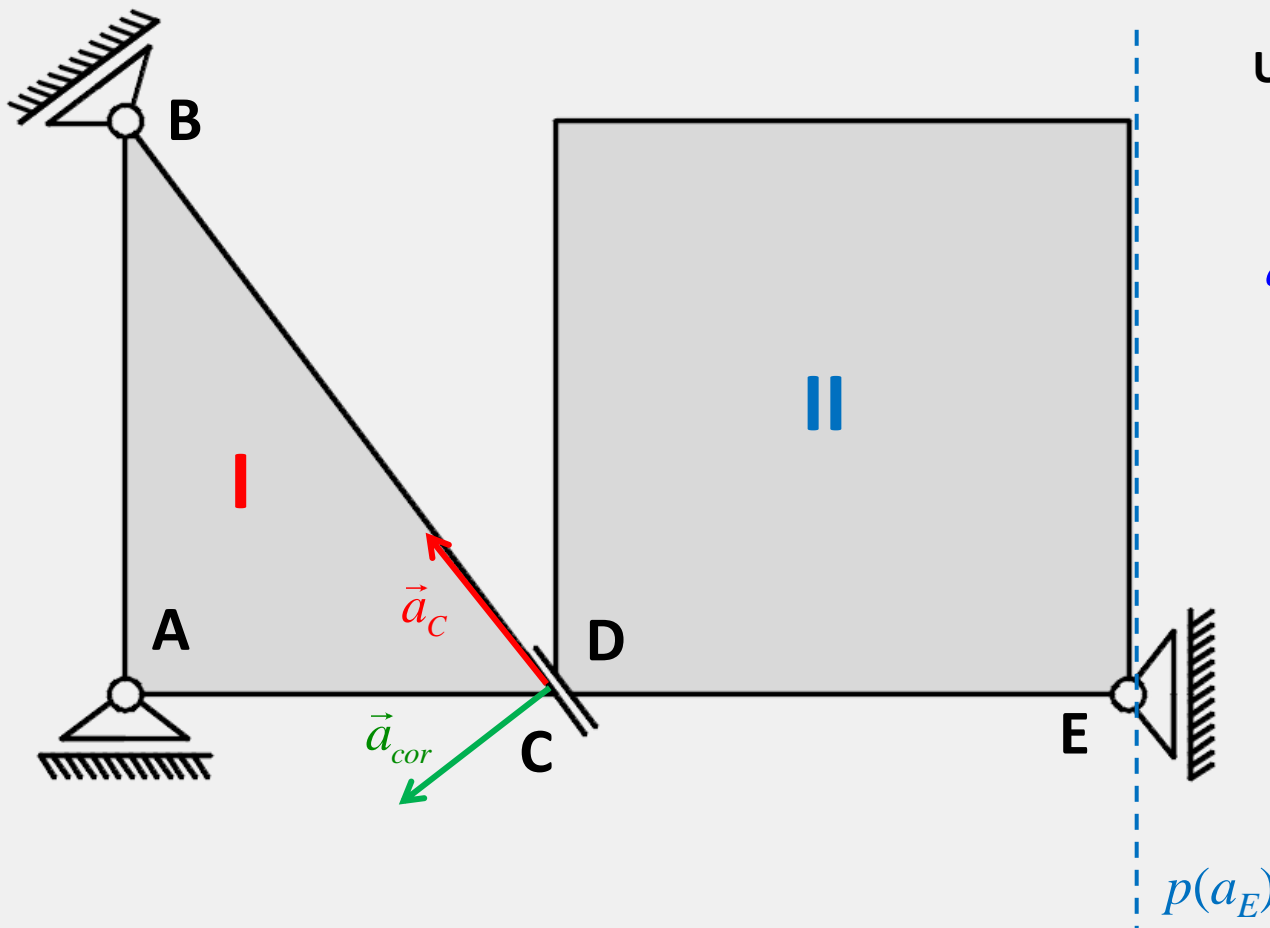
Uvjeti spoja tijela I i II

$$\vec{\epsilon}_{II} = \vec{\epsilon}_I = 5,3\vec{k}$$

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$$\vec{a}_C = \vec{a}_A + \vec{a}_{C/A}^N + \vec{a}_{C/A}^T$$

$$\vec{a}_C = -1,5 \cdot 2^2 \vec{i} + 1,5 \cdot 5,3 \vec{j} = -6\vec{i} + 7,95\vec{j}$$



Uvjeti spoja tijela I i II

$$\vec{\varepsilon}_{II} = \vec{\varepsilon}_I = 5,3\vec{k}$$

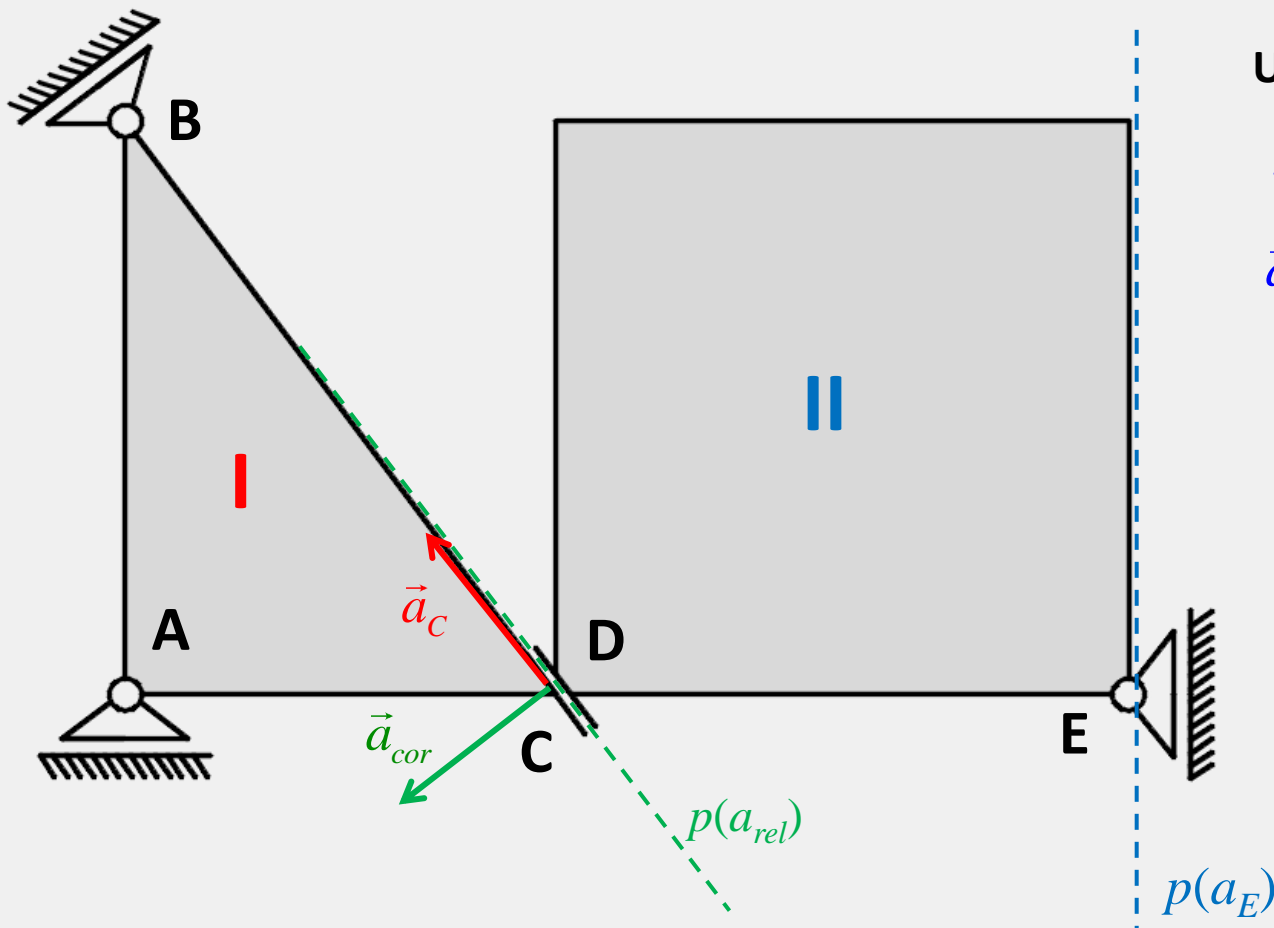
$$\vec{a}_D = \vec{a}_C + \vec{a}_{rel} + \vec{a}_{cor}$$

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$$\vec{a}_C = -1,5 \cdot 2^2 \vec{i} + 1,5 \cdot 5,3 \vec{j} = -6\vec{i} + 7,95\vec{j}$$

$$a_{cor} = 2 \cdot \omega \cdot v_{rel} = 27,2$$

$$\vec{a}_{cor} = -21,76\vec{i} - 16,32\vec{j}$$



Uvjeti spoja tijela I i II

$$\vec{\varepsilon}_{II} = \vec{\varepsilon}_I = 5,3\vec{k}$$

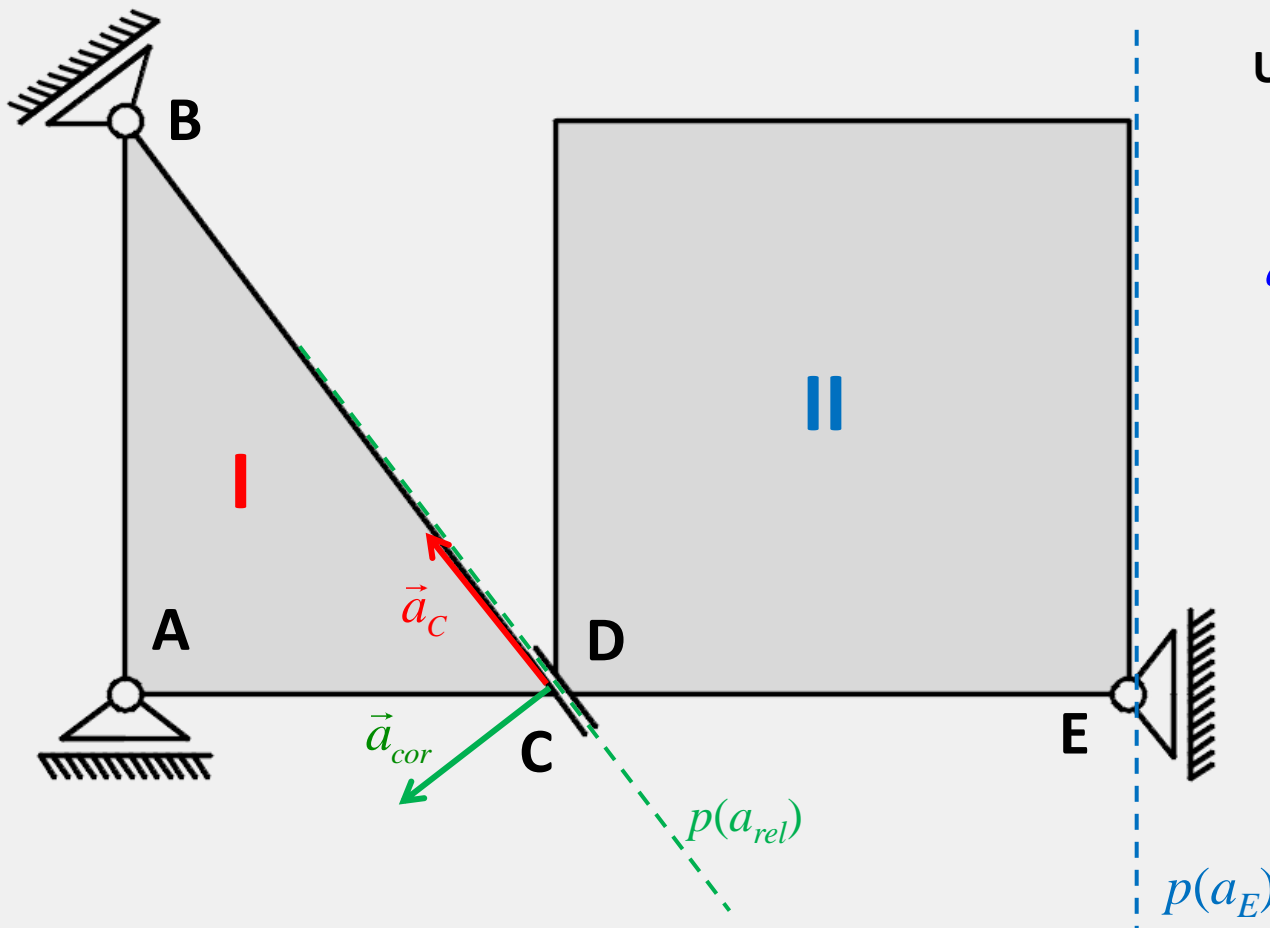
$$\vec{a}_D = \vec{a}_C + \vec{a}_{rel} + \vec{a}_{cor}$$

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$$\vec{\epsilon}_{II} = \vec{\epsilon}_I = 5,3\vec{k}$$

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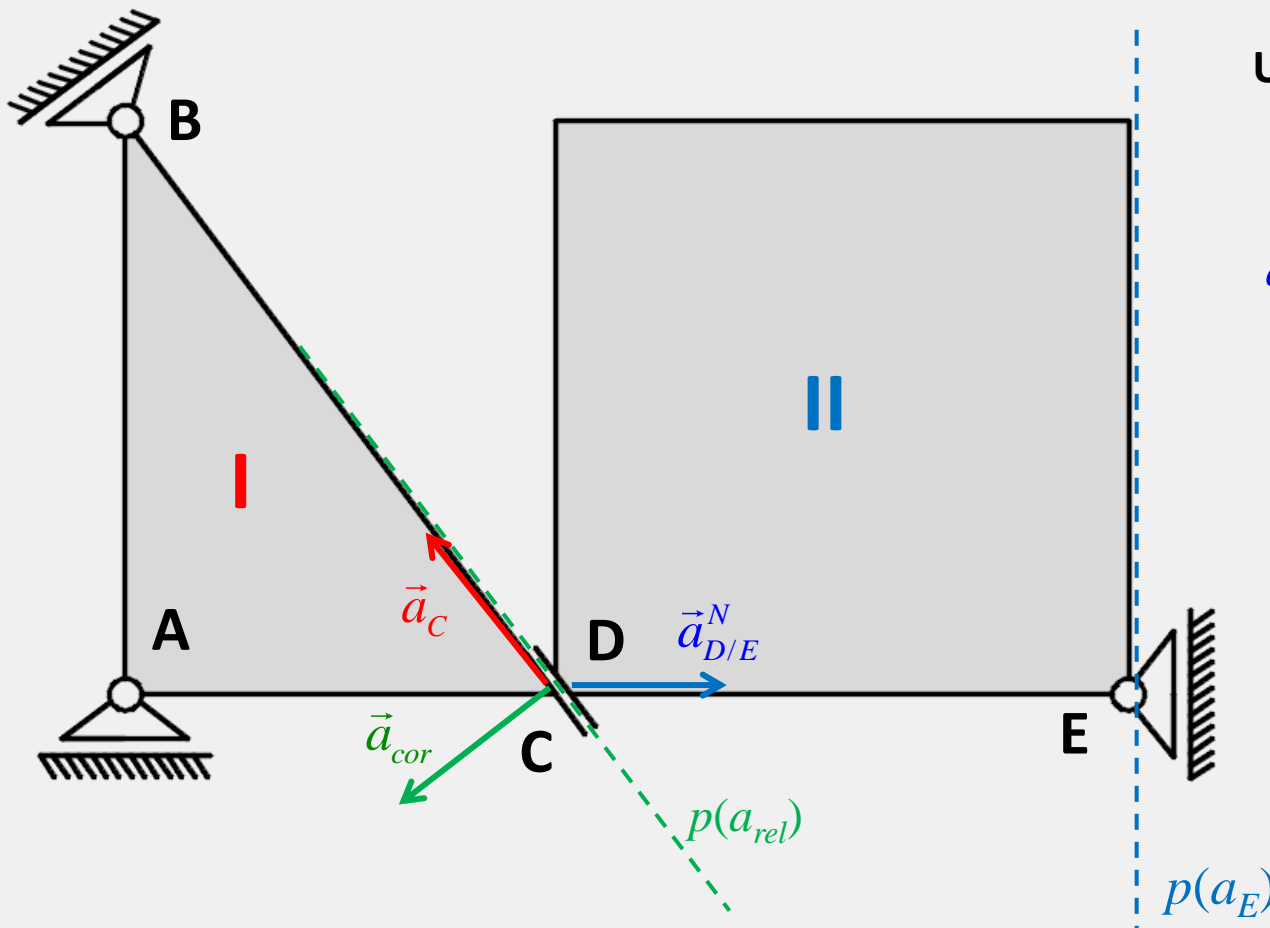
$$\vec{a}_C = -1,5 \cdot 2^2 \vec{i} + 1,5 \cdot 5,3 \vec{j} = -6\vec{i} + 7,95\vec{j}$$

$$a_{cor} = 2 \cdot \omega \cdot v_{rel} = 27,2$$

$$\vec{a}_{cor} = -21,76\vec{i} - 16,32\vec{j}$$

Gibanje tijela II

$$\vec{a}_D = \vec{a}_E + \vec{a}_{D/E}^N + \vec{a}_{D/E}^T$$



Uvjeti spoja tijela I i II

$$\vec{\varepsilon}_{II} = \vec{\varepsilon}_I = 5,3\vec{k}$$

$$\vec{a}_D = \vec{a}_C + \vec{a}_{rel} + \vec{a}_{cor}$$

$$\vec{a}_C = \vec{a}_A + \vec{a}_{C/A}^N + \vec{a}_{C/A}^T$$

$$\vec{a}_C = -1,5 \cdot 2^2 \vec{i} + 1,5 \cdot 5,3 \vec{j} = -6\vec{i} + 7,95\vec{j}$$

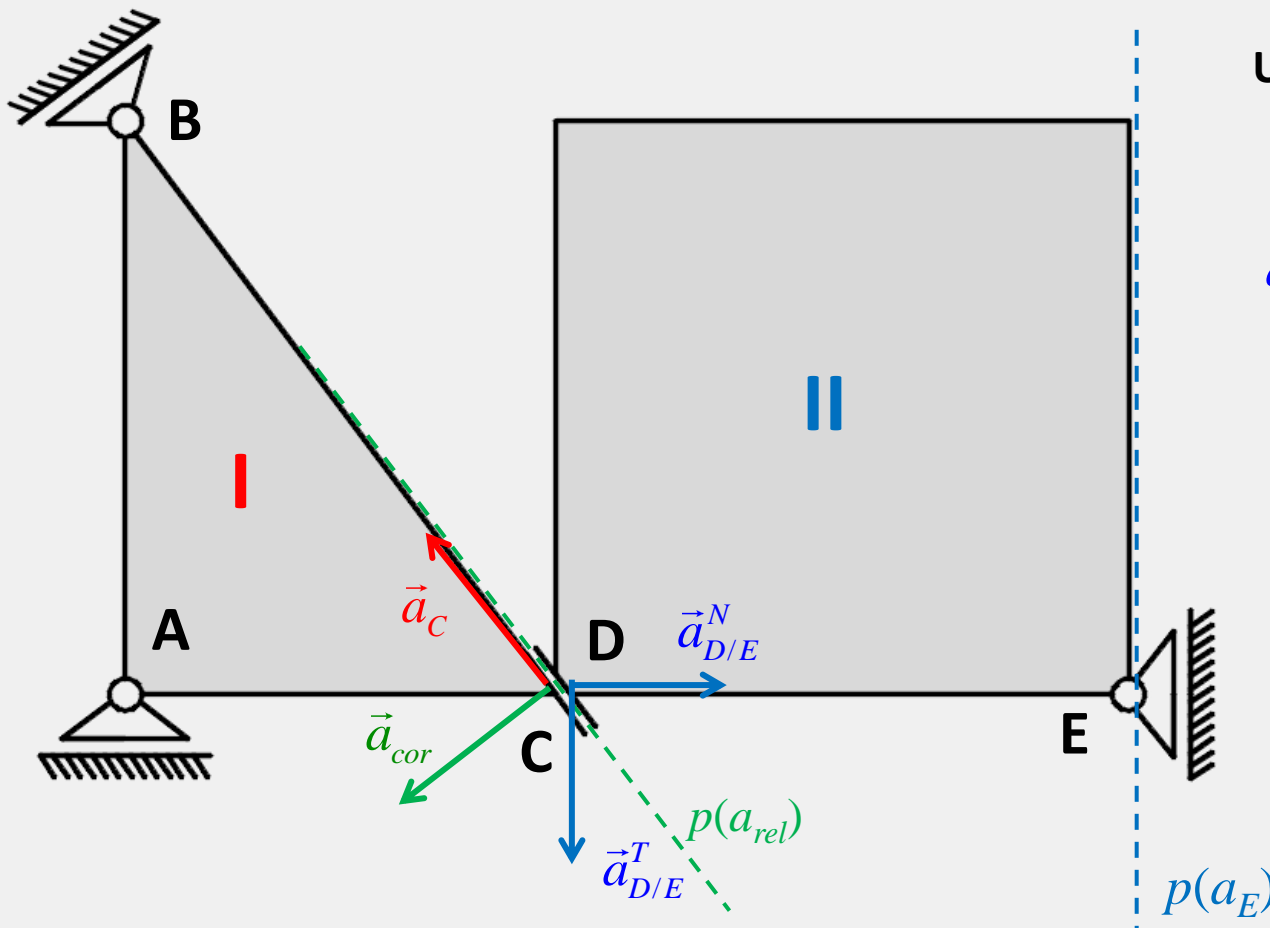
$$a_{cor} = 2 \cdot \omega \cdot v_{rel} = 27,2$$

$$\vec{a}_{cor} = -21,76\vec{i} - 16,32\vec{j}$$

Gibanje tijela II

$$\vec{a}_D = \vec{a}_E + \vec{a}_{D/E}^N + \vec{a}_{D/E}^T$$

$$\vec{a}_{D/E}^N = 2 \cdot 2^2 = 8\vec{i}$$



Uvjeti spoja tijela I i II

$$\vec{\varepsilon}_{II} = \vec{\varepsilon}_I = 5,3\vec{k}$$

$$\vec{a}_D = \vec{a}_C + \vec{a}_{rel} + \vec{a}_{cor}$$

$$\vec{a}_C = \vec{a}_A + \vec{a}_{C/A}^N + \vec{a}_{C/A}^T$$

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Gibanje tijela II

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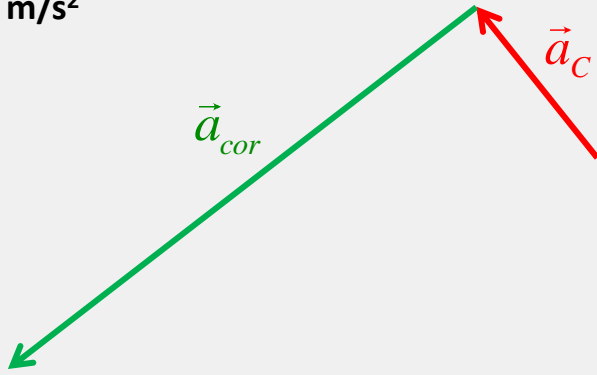
$$\vec{a}_{D/E}^T = -2 \cdot 5,3 = -10,6\vec{j}$$

MJ 1cm=4 m/s²

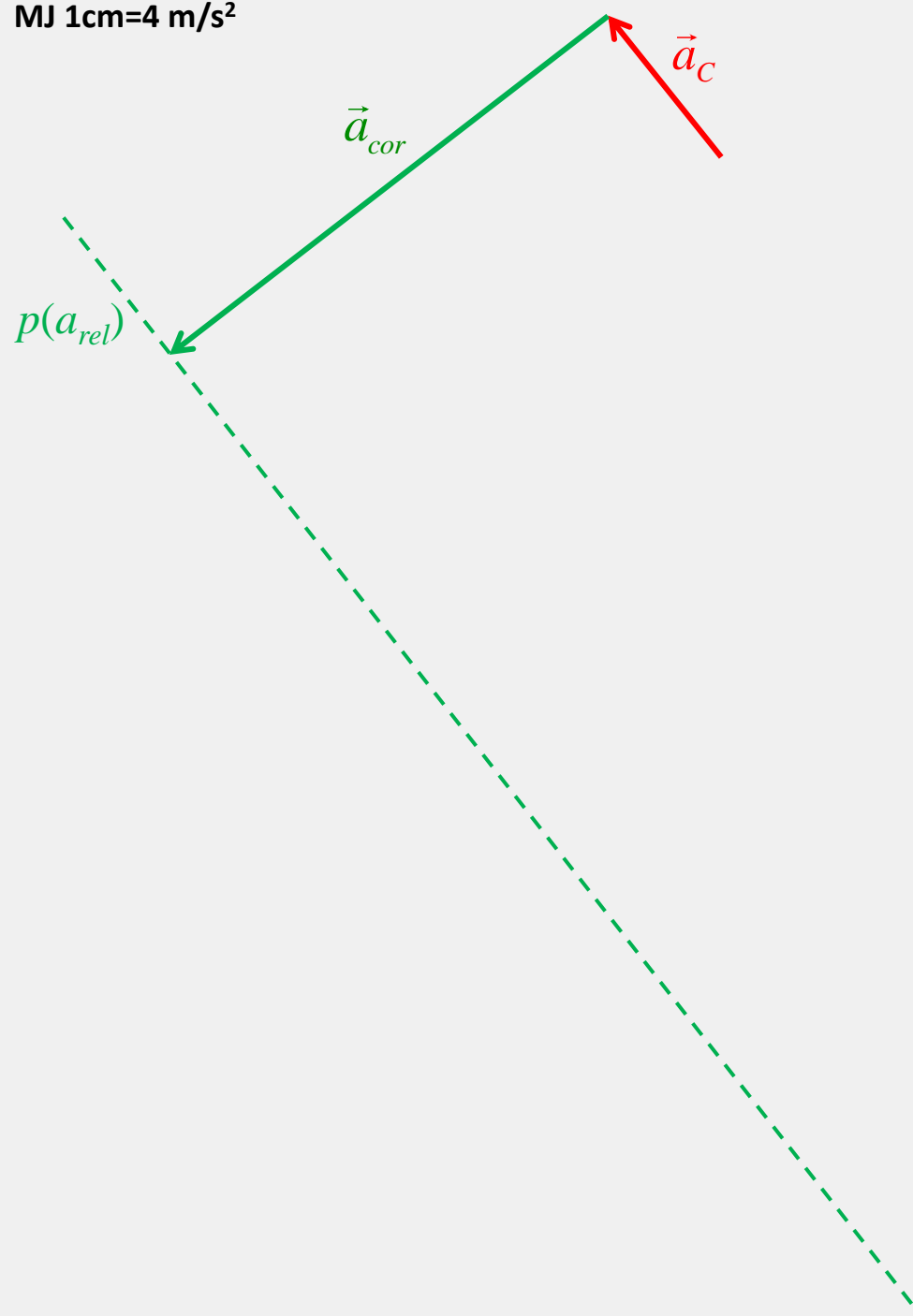
MJ 1cm=4 m/s²



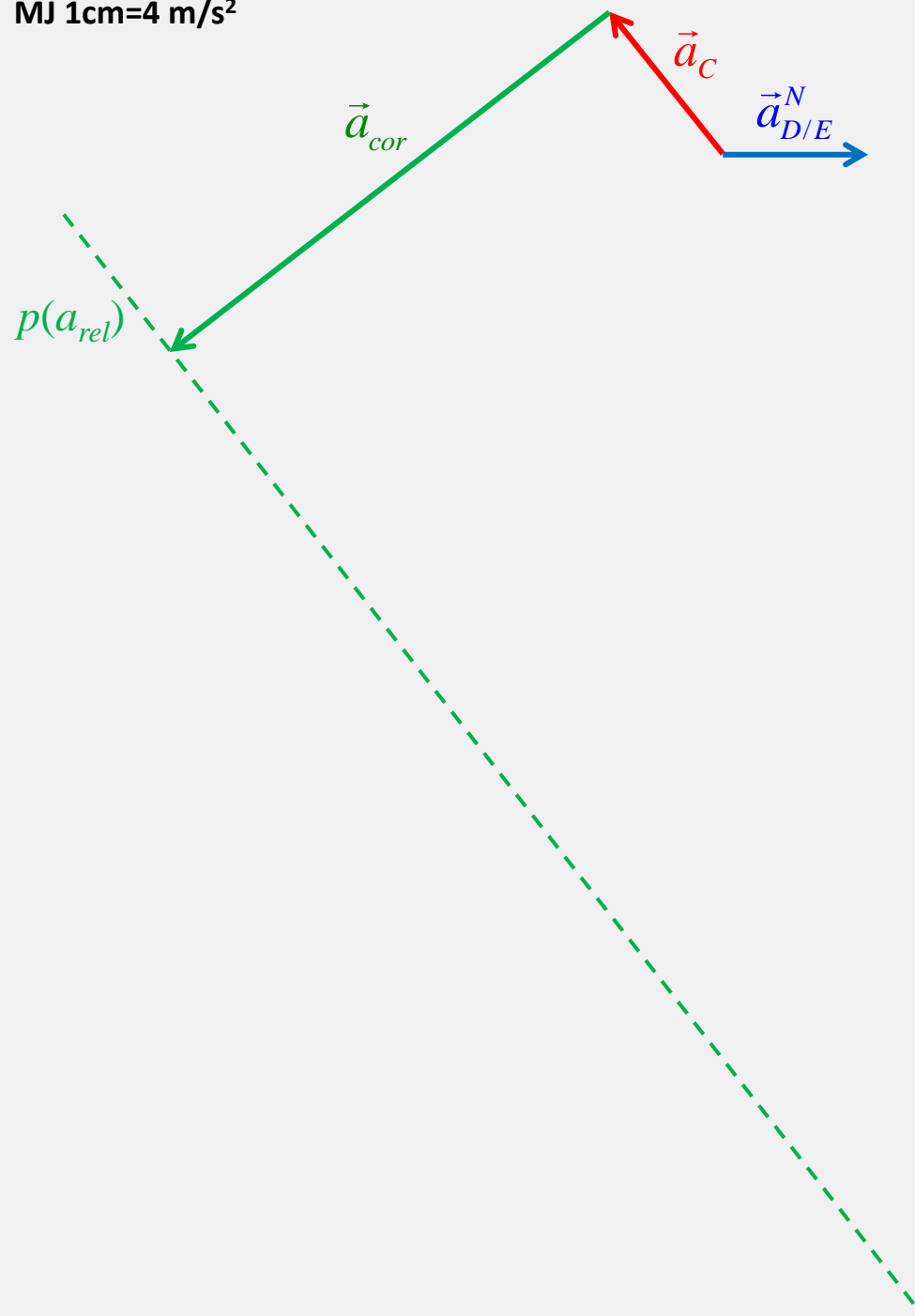
MJ 1cm=4 m/s²



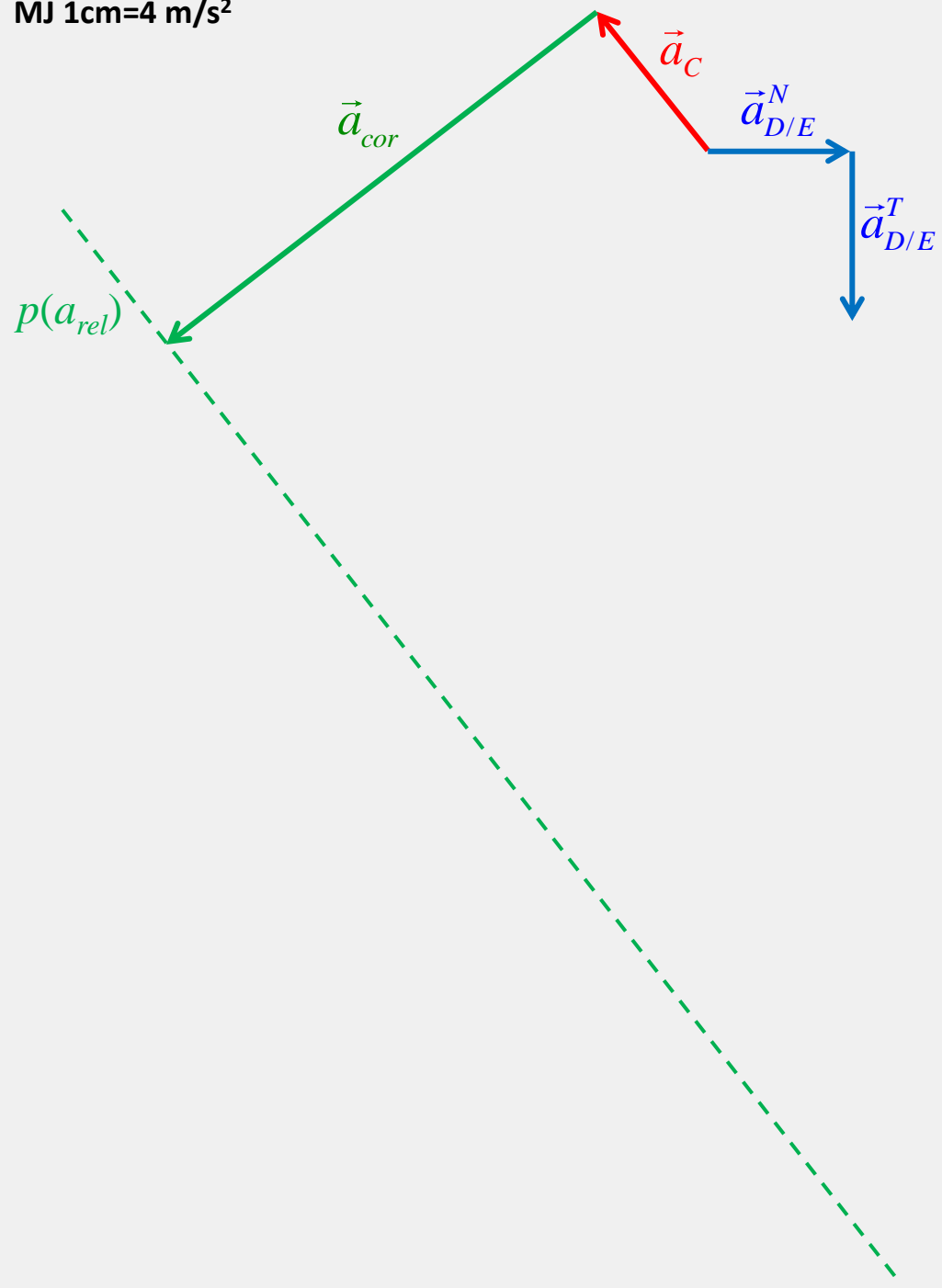
MJ 1cm=4 m/s²



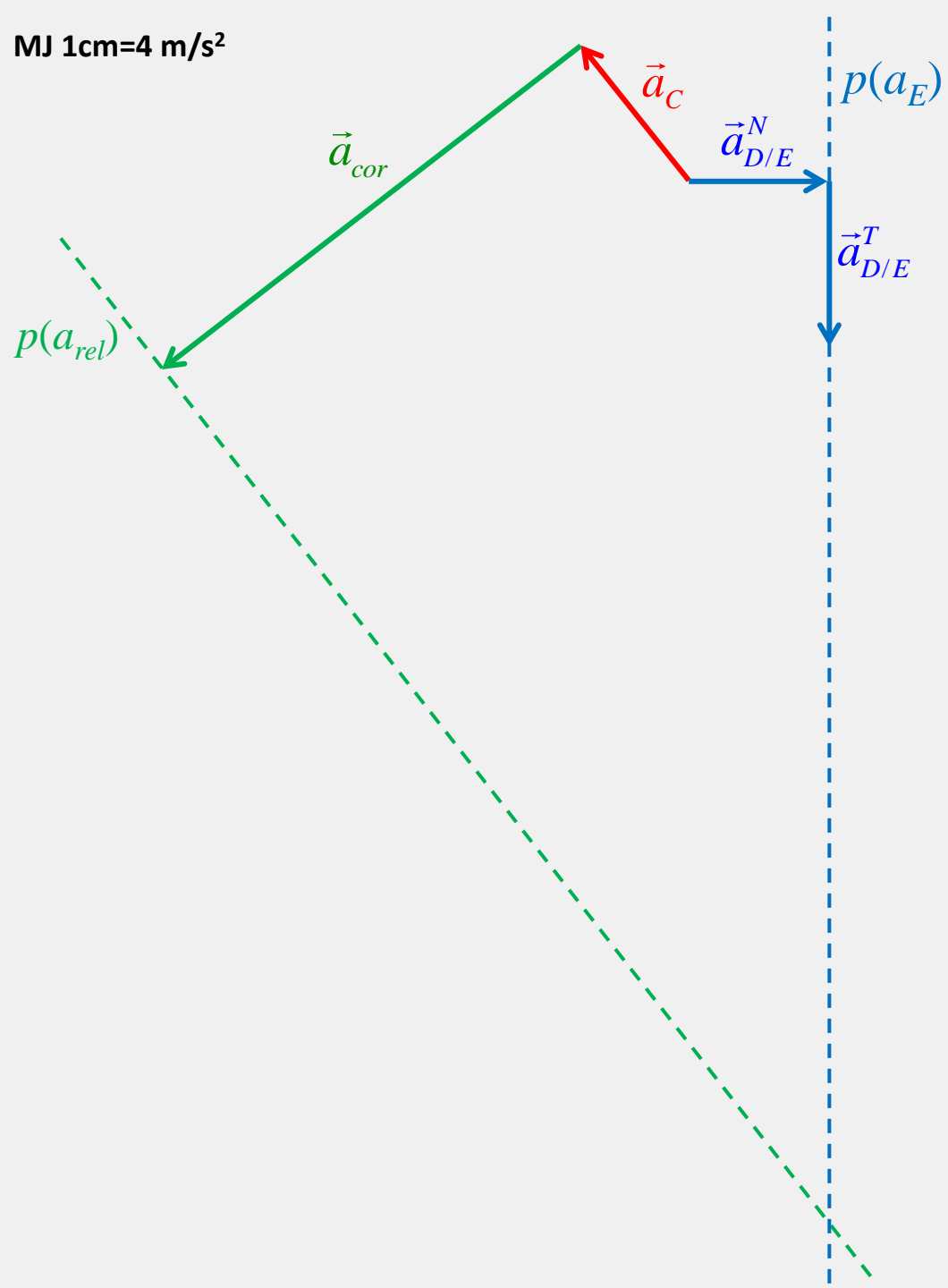
MJ 1cm=4 m/s²



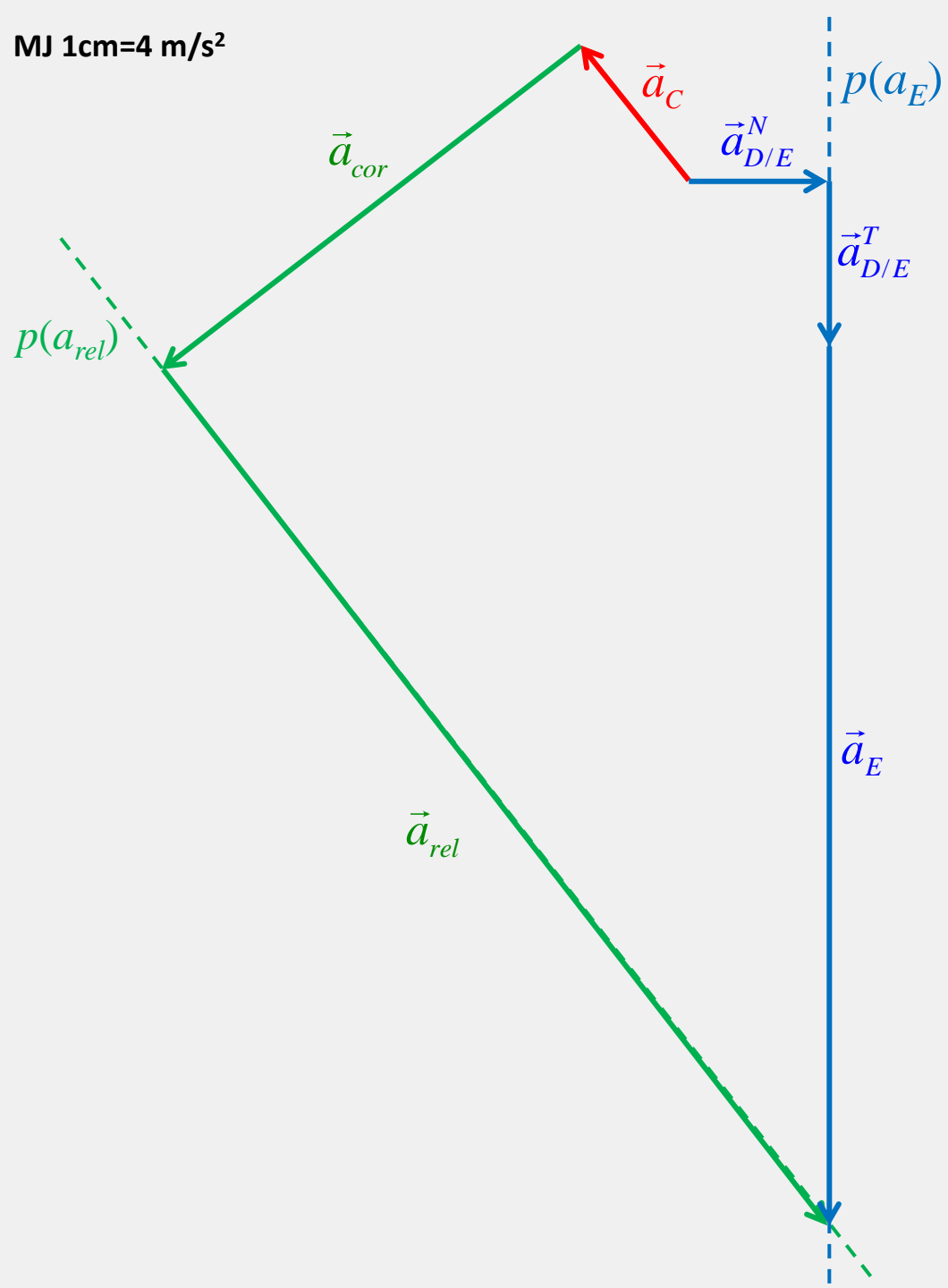
MJ 1cm=4 m/s²



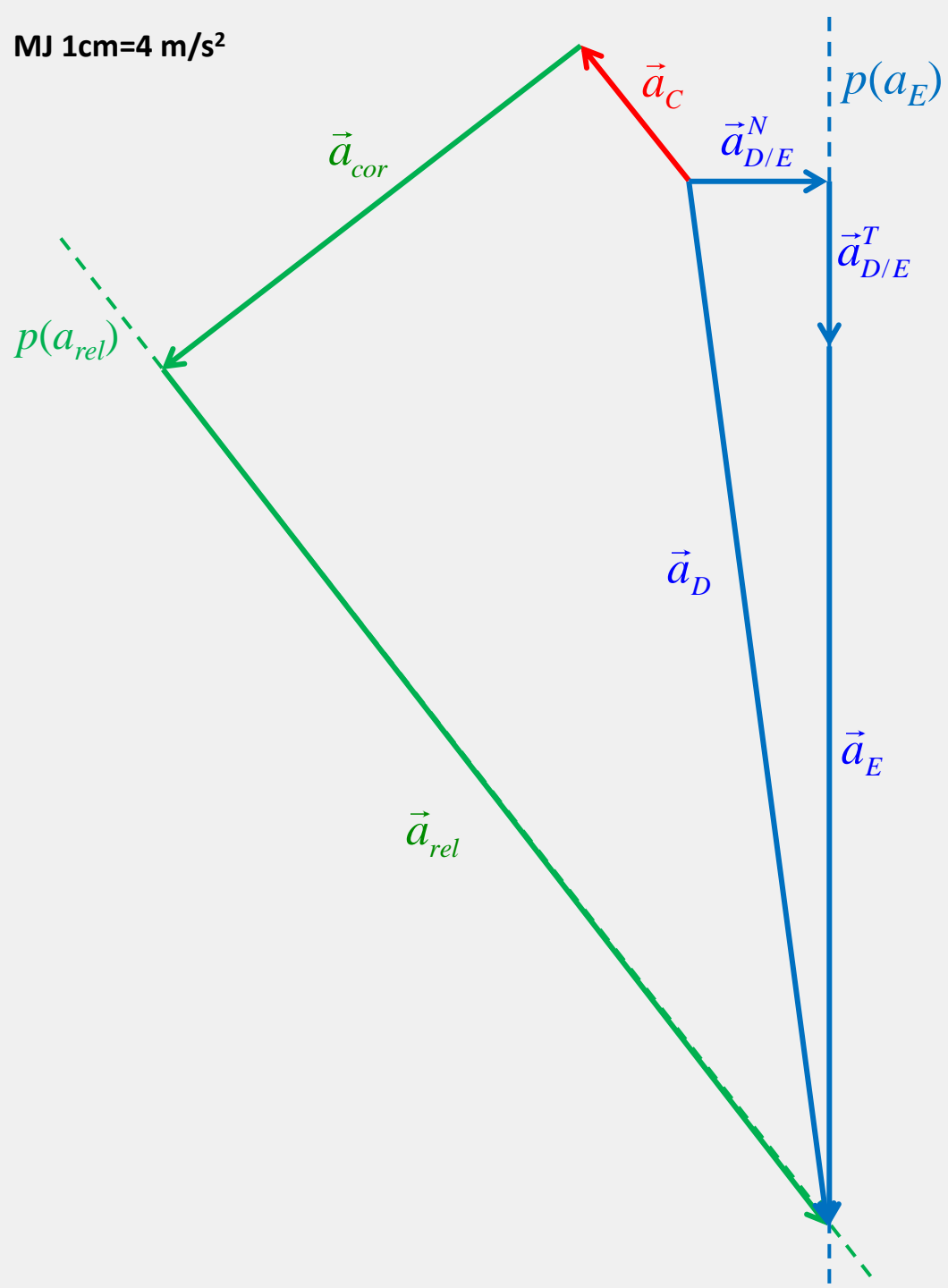
MJ 1cm=4 m/s²



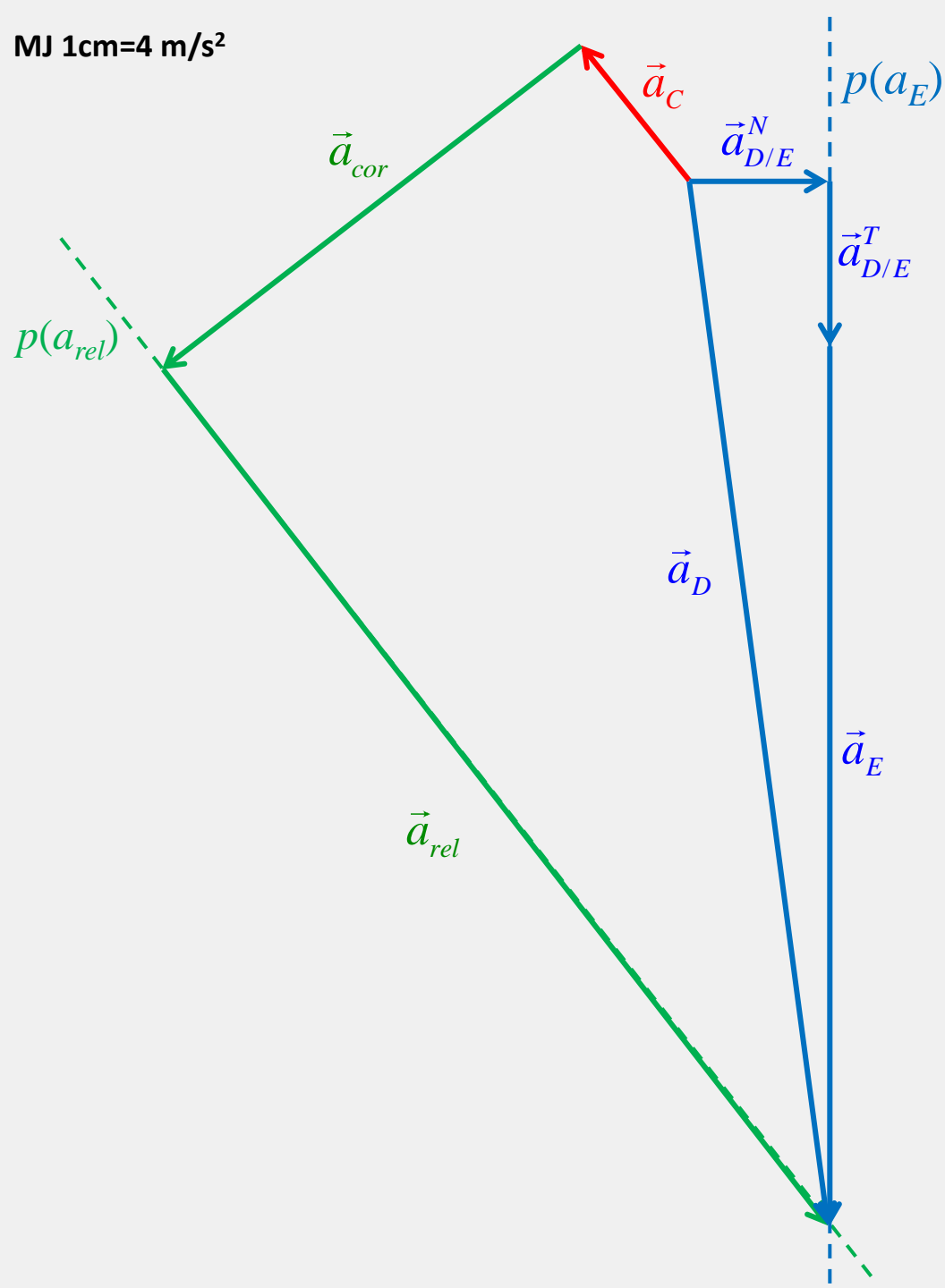
MJ 1cm=4 m/s²



MJ 1cm=4 m/s²



MJ 1cm=4 m/s²



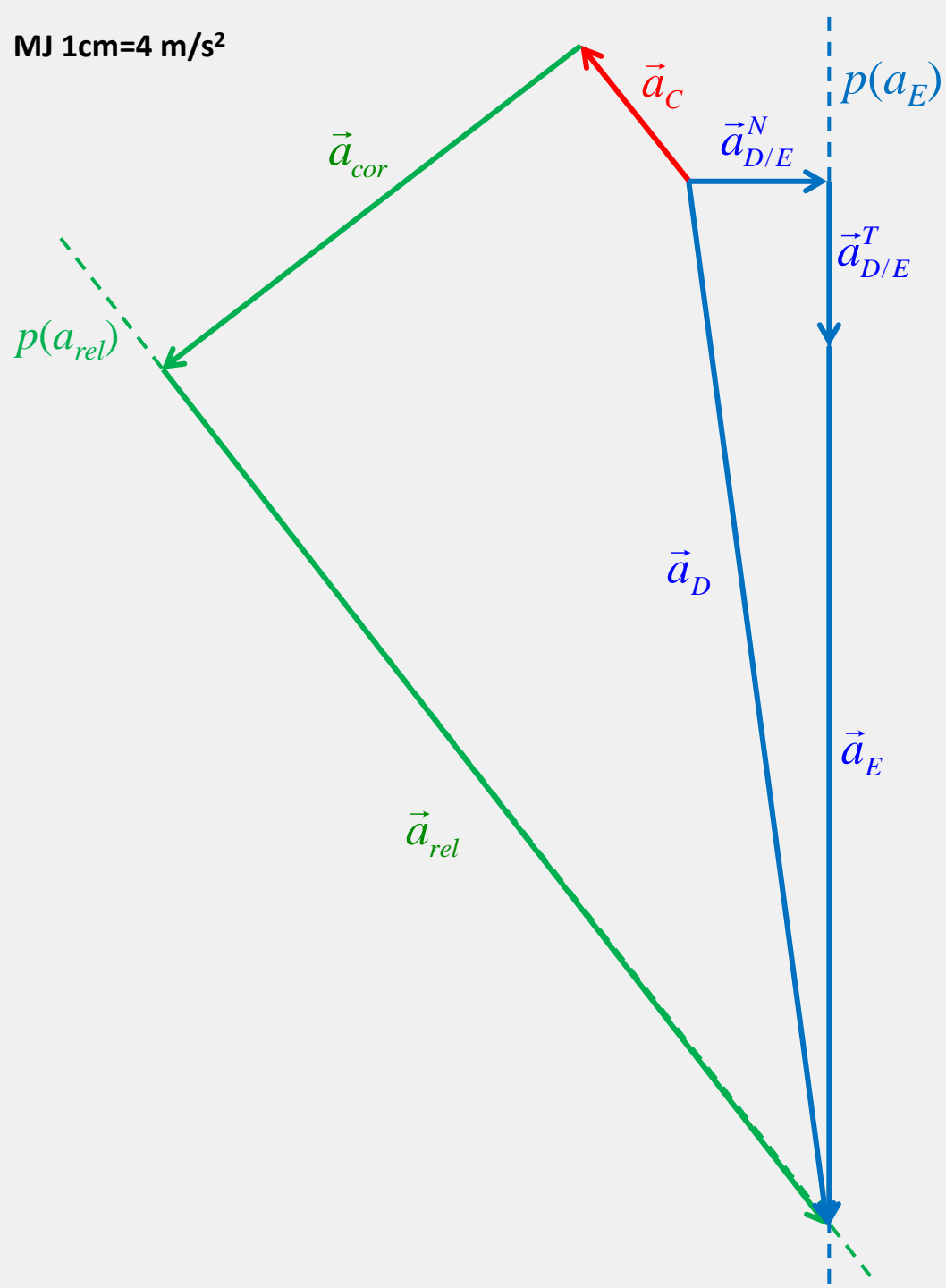
očitano:

$$a_E = 11,7 \text{ cm} = 46,8 \text{ m/s}^2$$

$$a_{rel} = 15,35 \text{ cm} = 61,4 \text{ m/s}^2$$

$$a_D = 14,5 \text{ cm} = 58 \text{ m/s}^2$$

MJ 1cm=4 m/s²



očítano:

$$a_E = 11,7 \text{ cm} = 46,8 \text{ m/s}^2$$

$$a_{rel} = 15,35 \text{ cm} = 61,4 \text{ m/s}^2$$

$$a_D = 14,5 \text{ cm} = 58 \text{ m/s}^2$$

$$\vec{a}_E = -46,8 \vec{j}$$

$$\vec{a}_D = 8\vec{i} - 57,4 \vec{j}$$

ANALITIČKA RJEŠENJA ZADATKA

$$\vec{v}_B = \vec{0}$$

$$v_B = 0 \text{ m/s}$$

$$\vec{\omega}_I = -2\vec{k}$$

$$\vec{v}_C = -4\vec{i} - 3\vec{j}$$

$$v_C = 5 \text{ m/s}$$

$$\vec{v}_{rel} = 4\vec{i} - 5,33\vec{j}$$

$$v_{rel} = 6,667 \text{ m/s}$$

$$\vec{v}_E = -12,33\vec{j}$$

$$v_E = 12,33 \text{ m/s}$$

$$\vec{v}_D = -8,33\vec{j}$$

$$v_D = 8,33 \text{ m/s}$$

$$\vec{\omega}_{II} = \vec{\omega}_I = -2\vec{k}$$

$$\vec{a}_B = -10,667\vec{i} - 8\vec{j}$$

$$a_B = 13,33 \text{ m/s}^2$$

$$\vec{a}_C = -6\vec{i} + 8\vec{j}$$

$$a_C = 10 \text{ m/s}^2$$

$$\vec{a}_{cor} = -21,33\vec{i} - 16\vec{j}$$

$$a_{cor} = 26,667 \text{ m/s}^2$$

$$\vec{a}_{rel} = 35,33\vec{i} - 47,11\vec{j}$$

$$a_{rel} = 58,89 \text{ m/s}^2$$

$$\vec{a}_E = -44,44\vec{j}$$

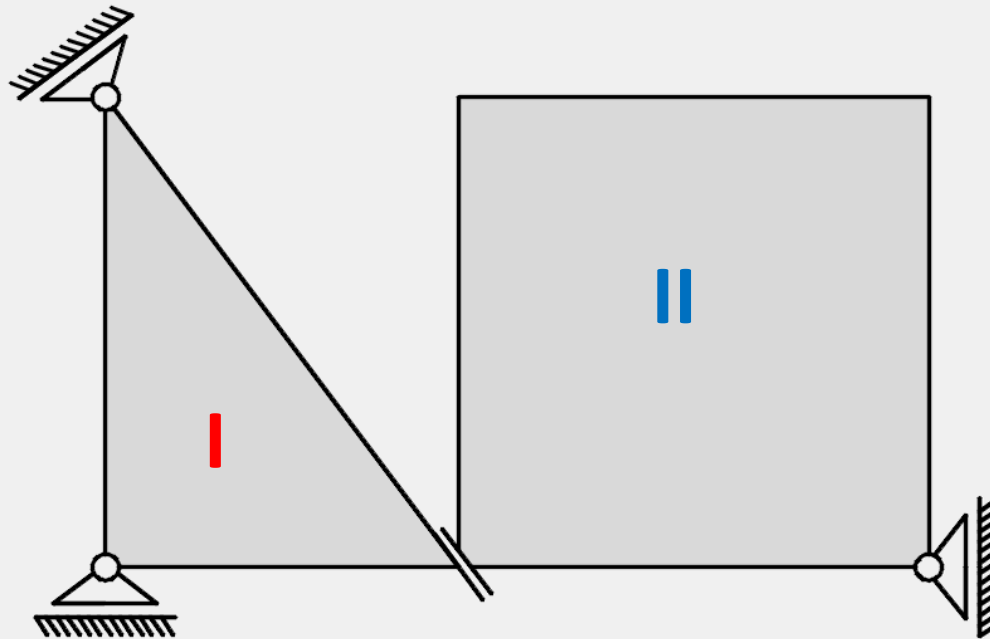
$$a_E = 44,44 \text{ m/s}^2$$

$$\vec{a}_D = 8\vec{i} - 55,11\vec{j}$$

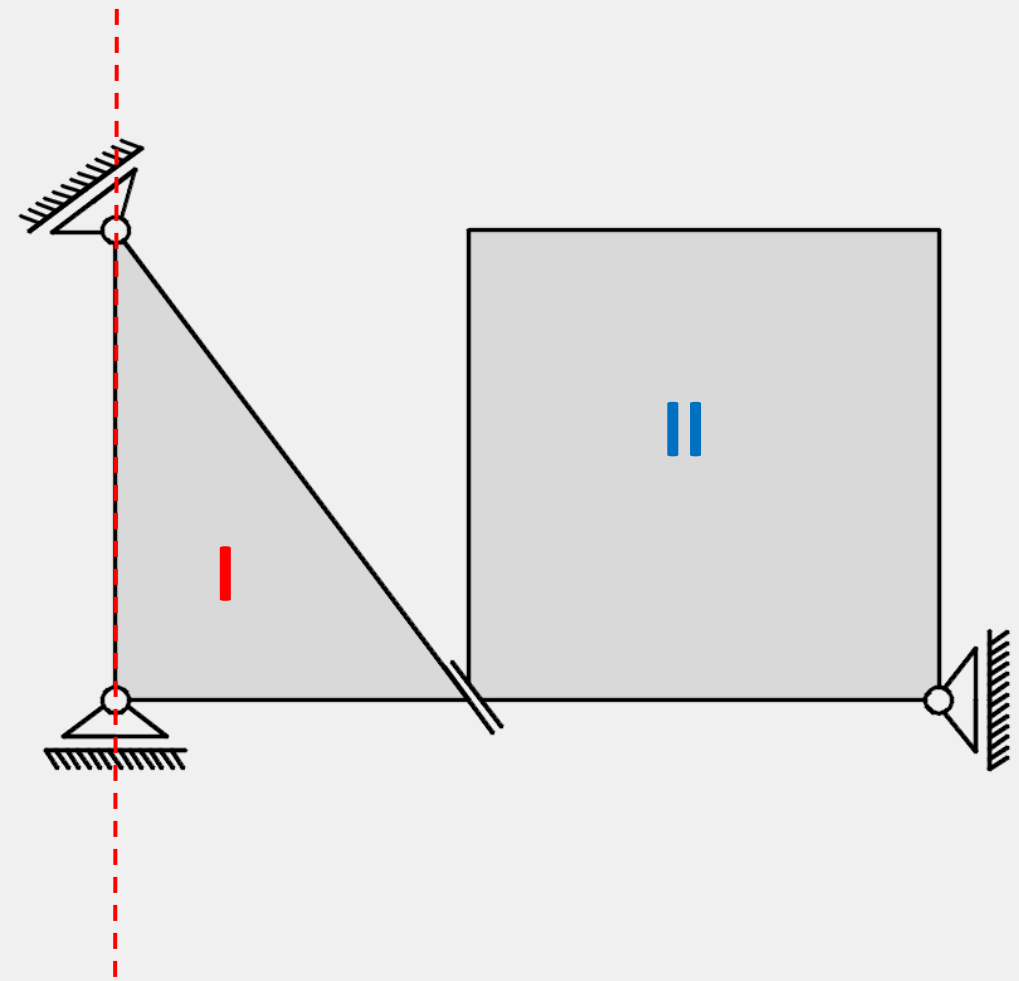
$$a_D = 55,59 \text{ m/s}^2$$

$$\vec{\epsilon}_{II} = \vec{\epsilon}_I = 5,33\vec{k}$$

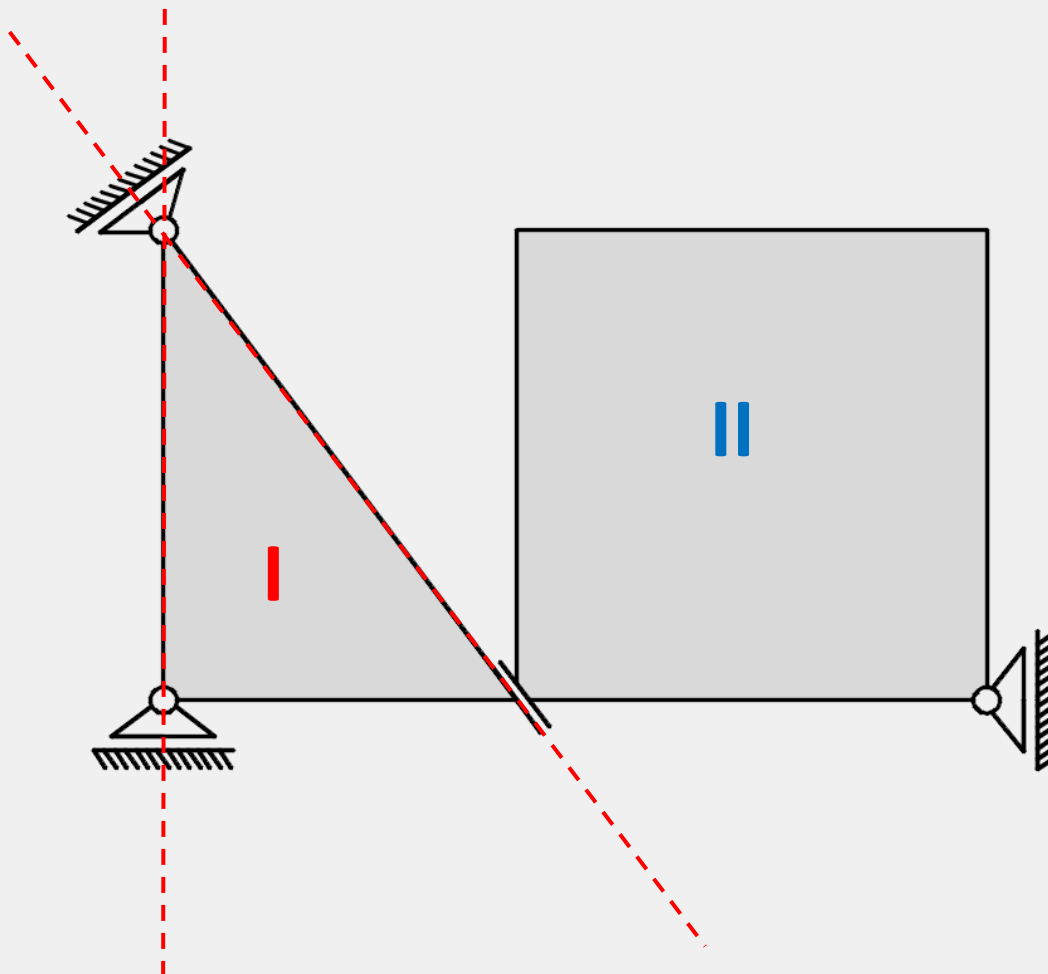
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



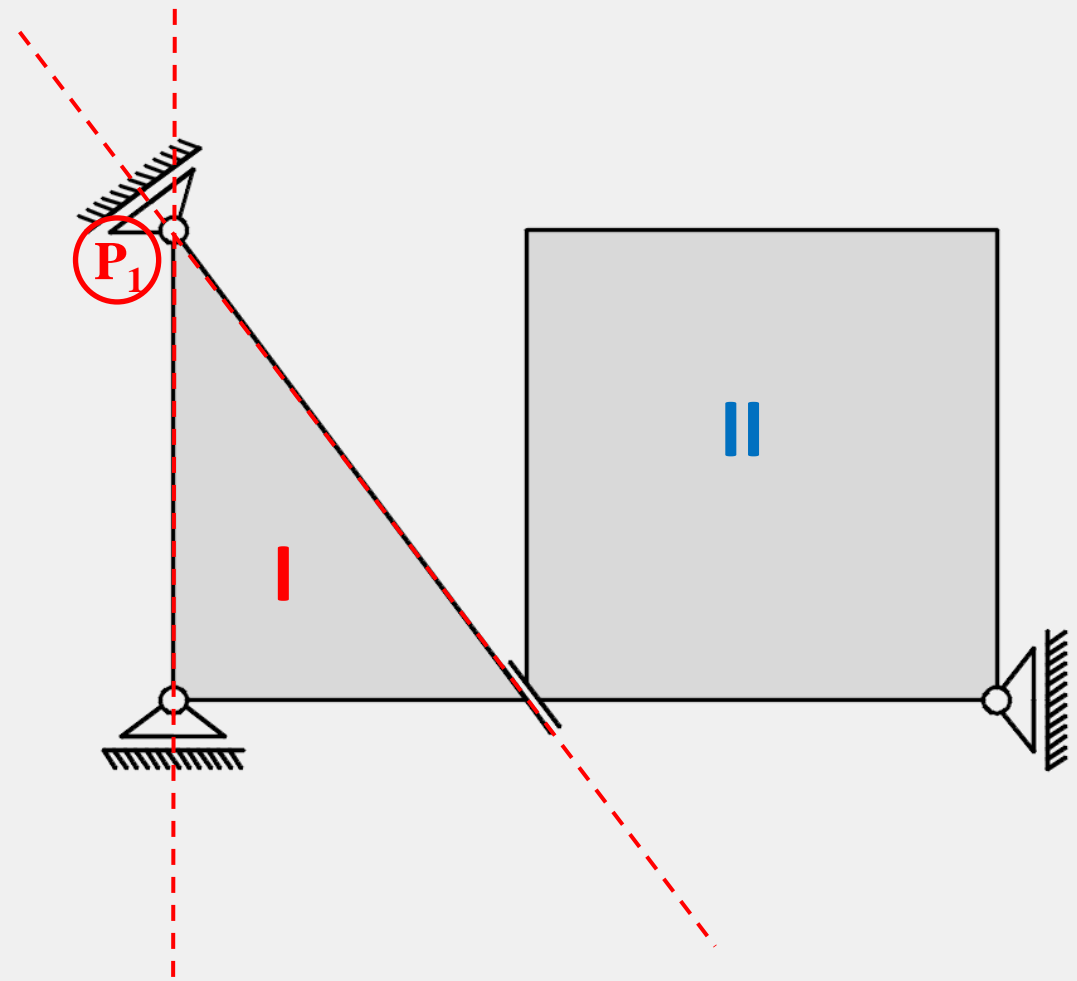
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



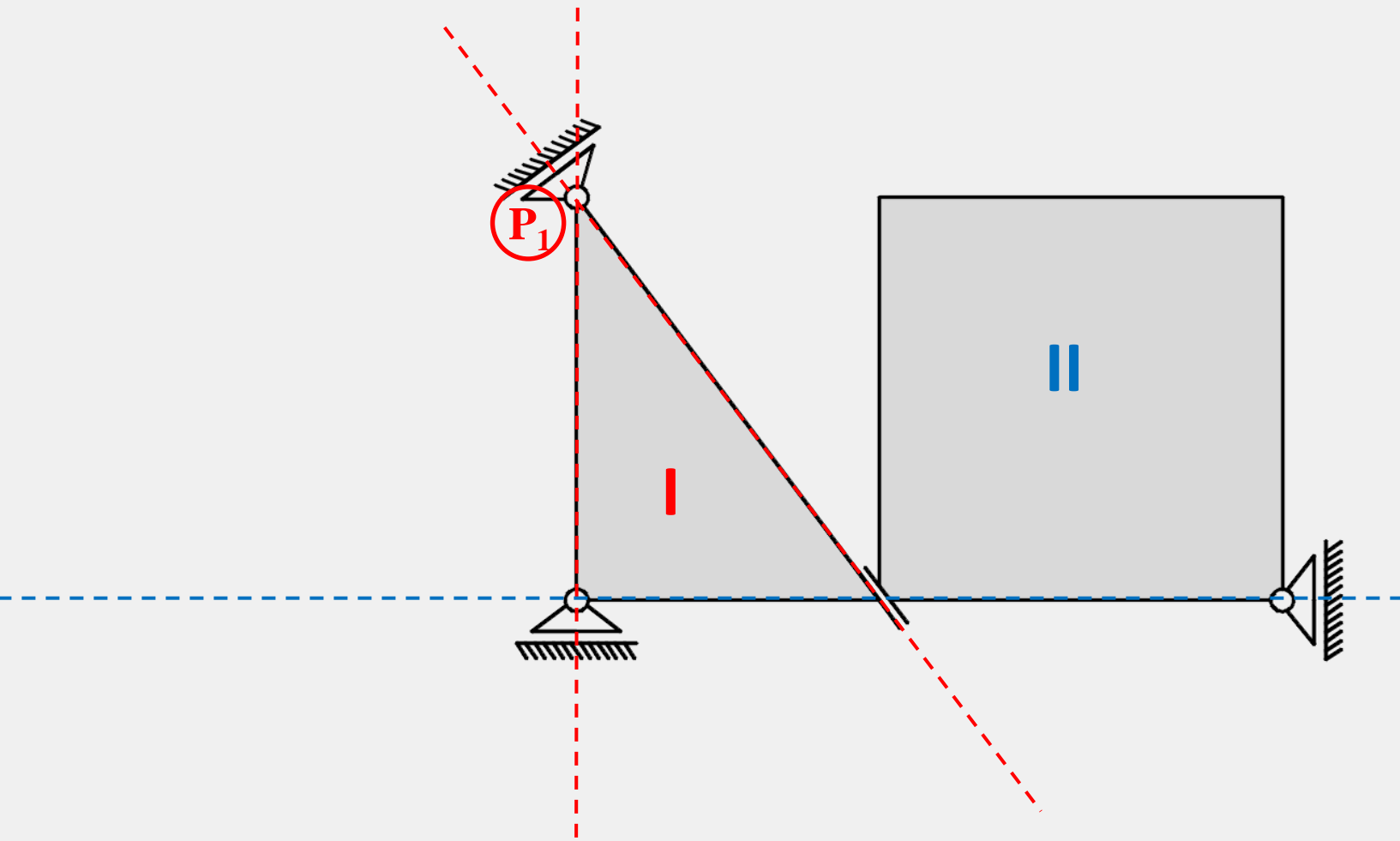
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



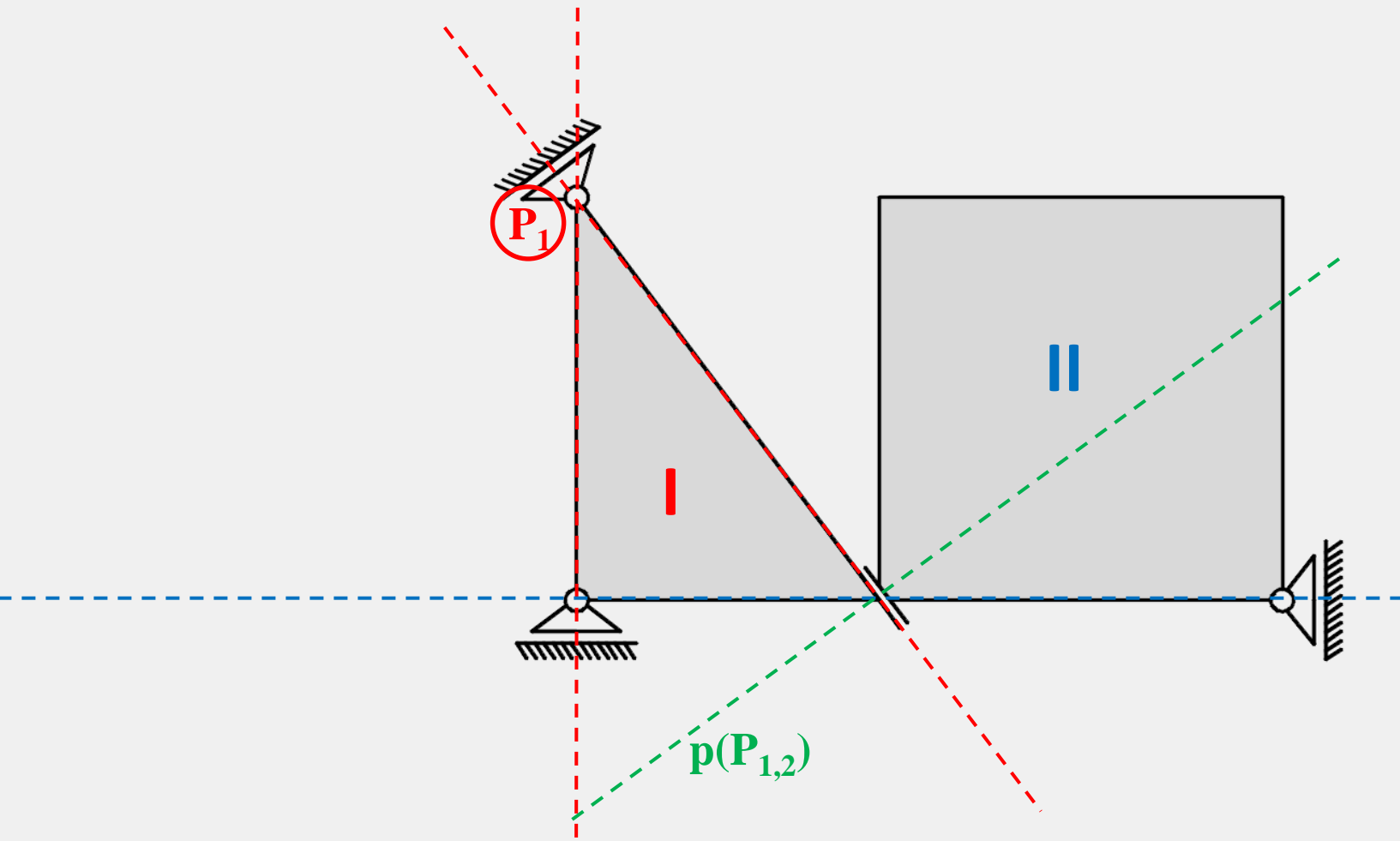
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



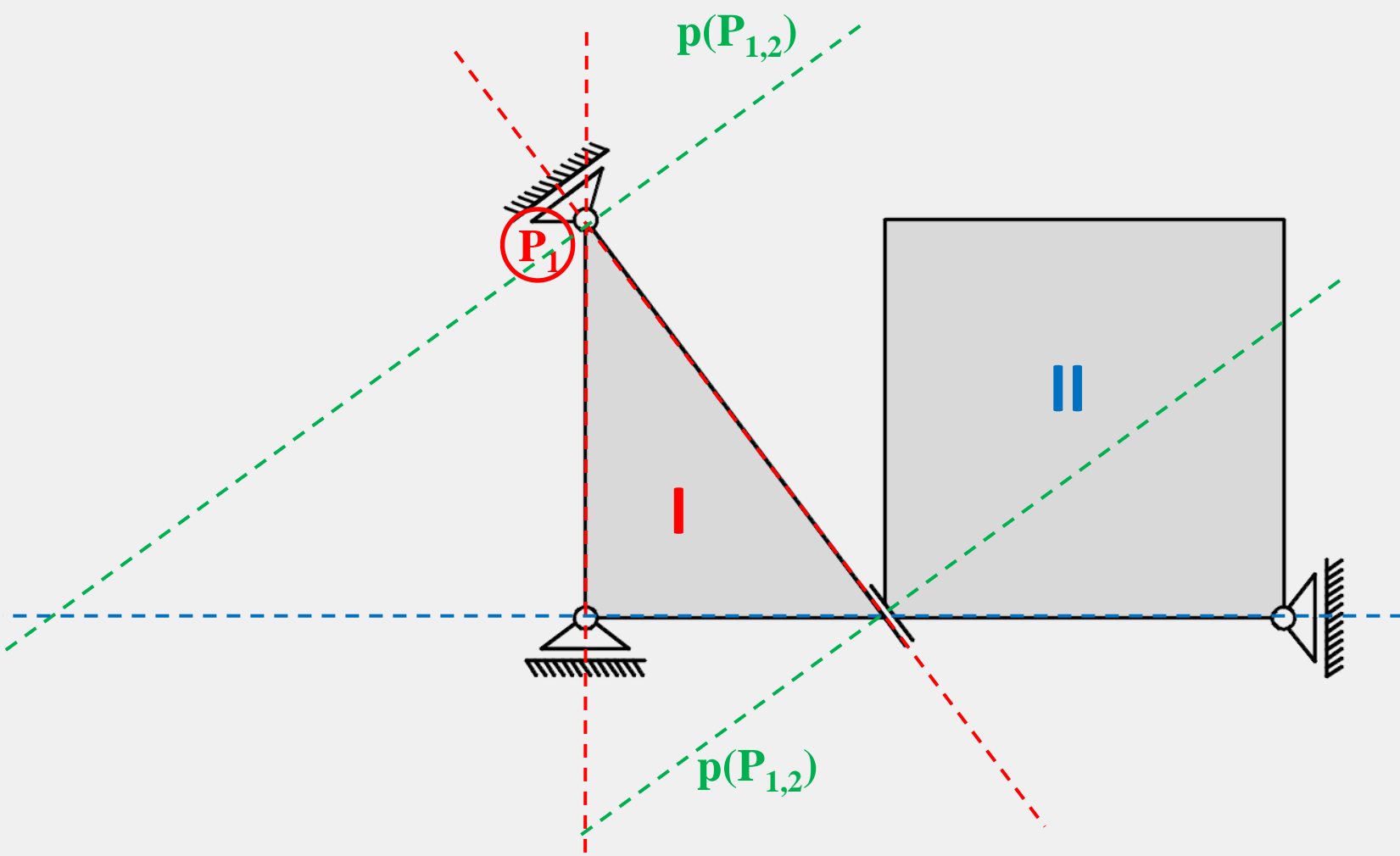
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



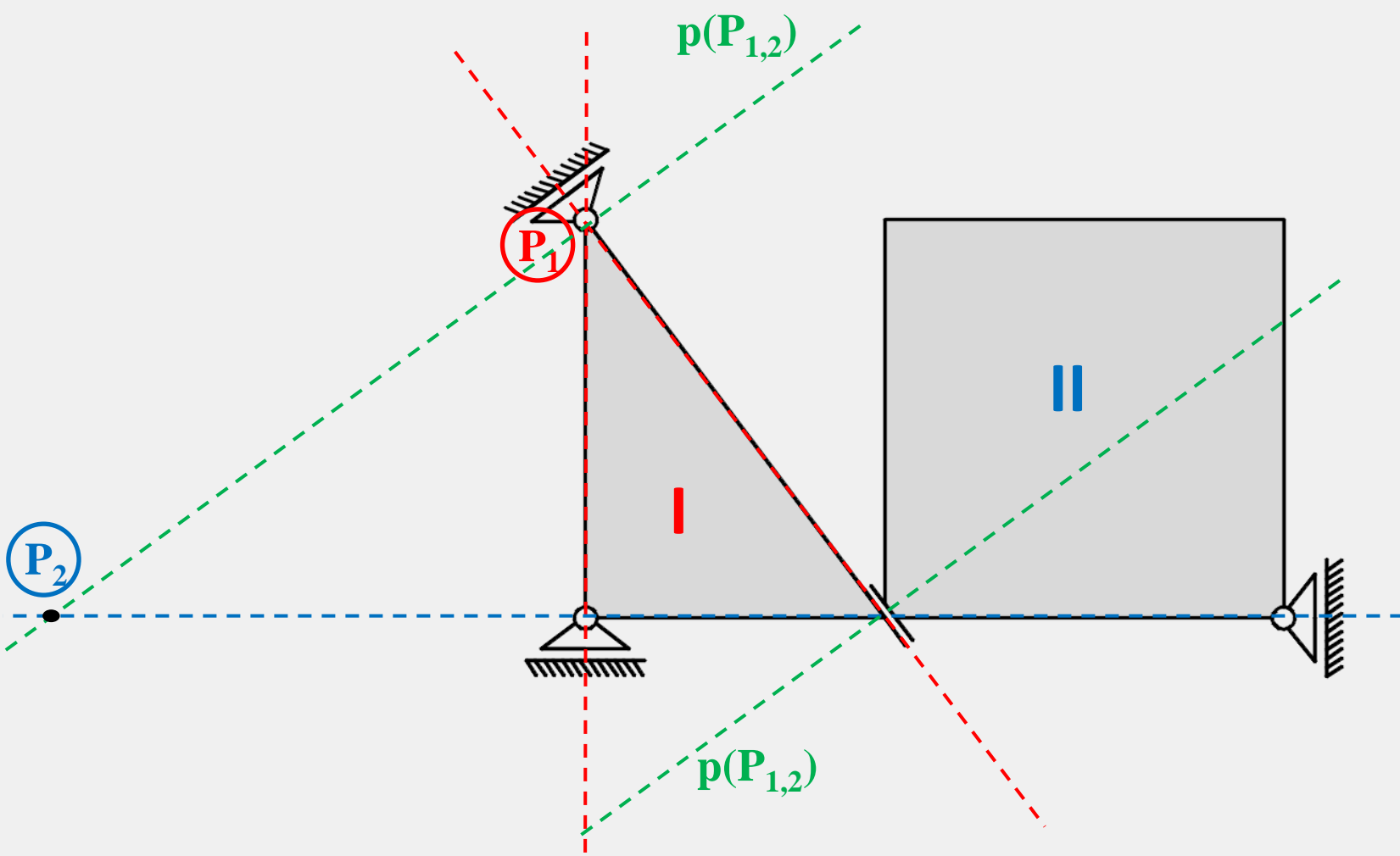
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



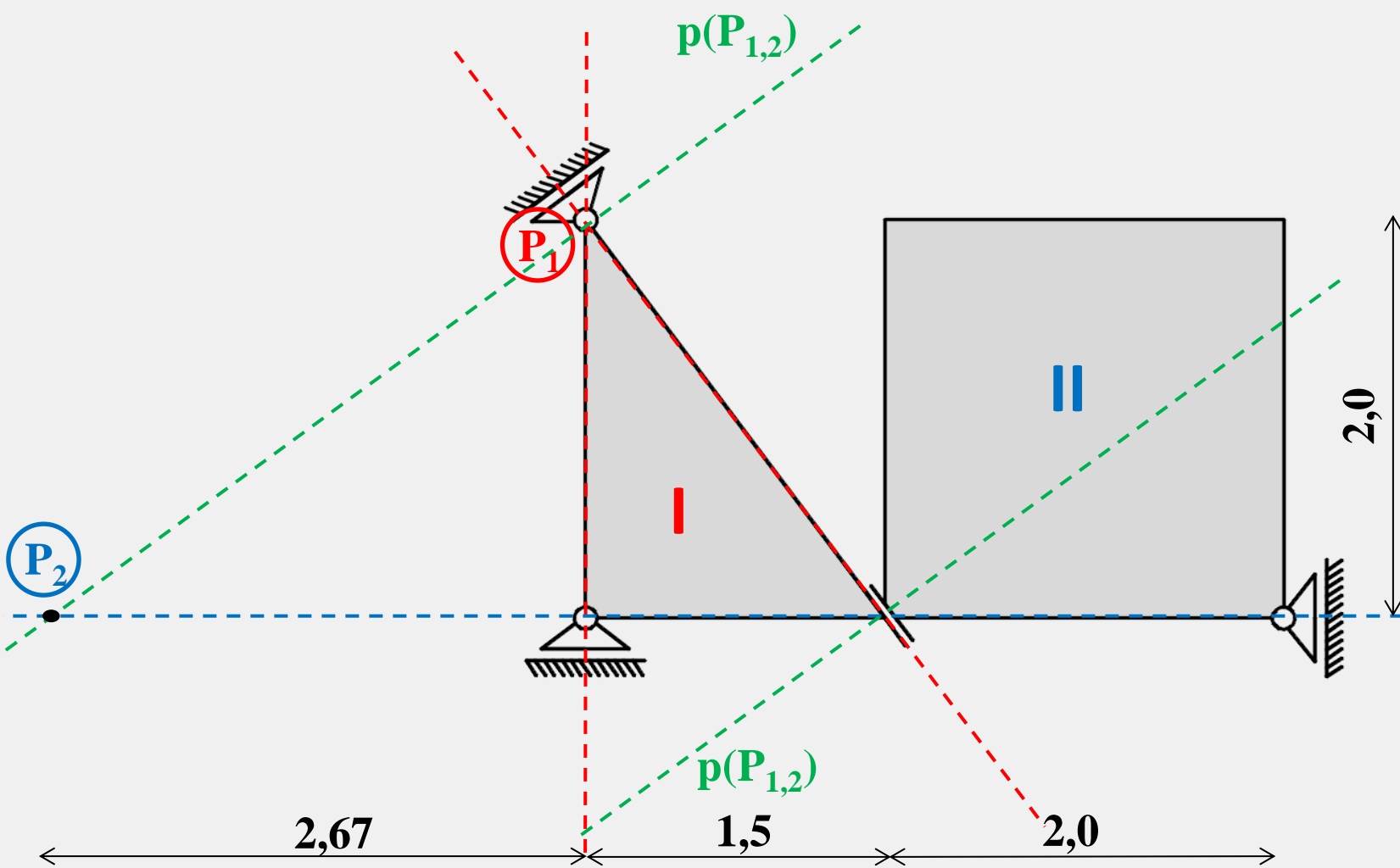
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



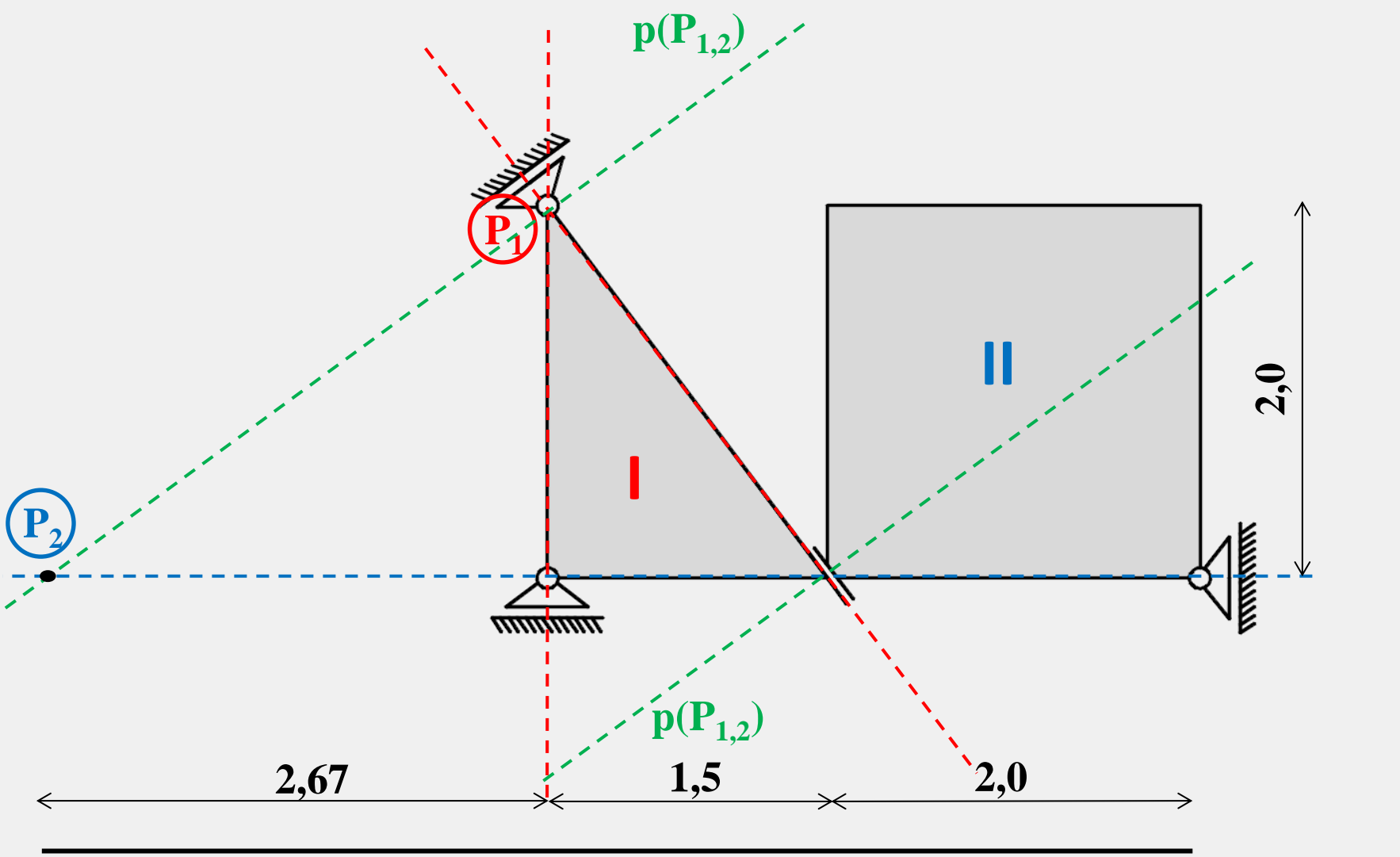
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



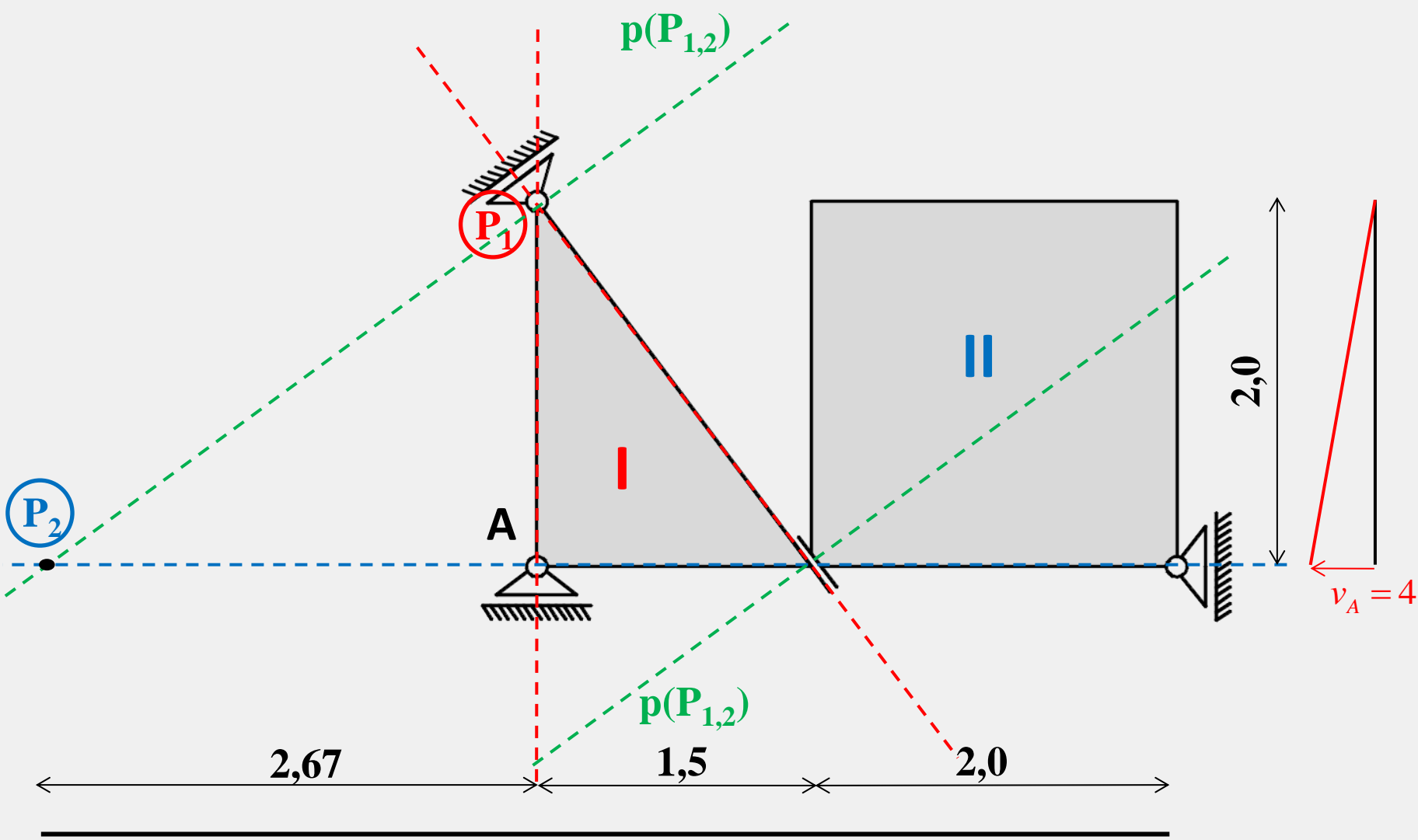
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



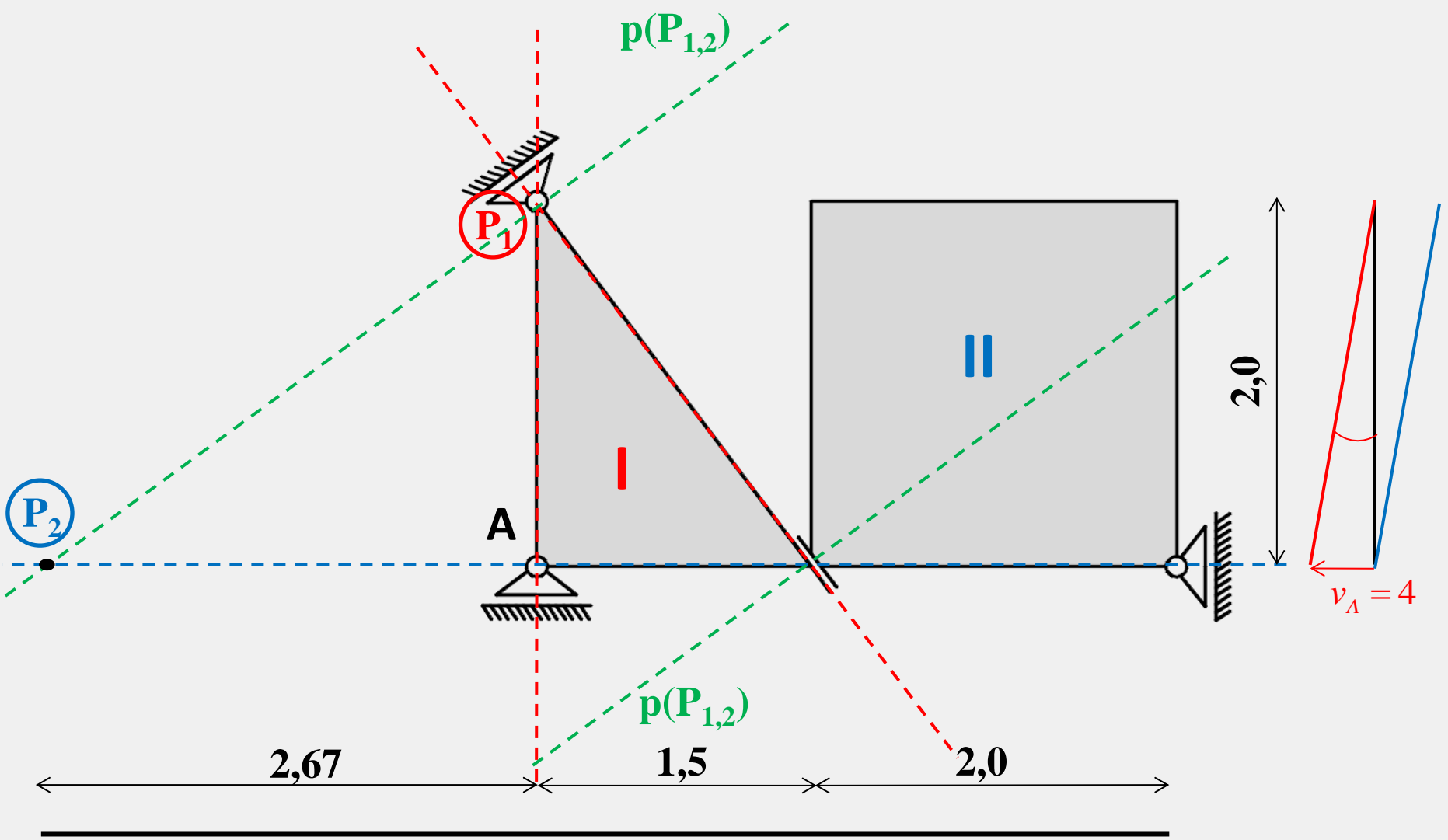
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



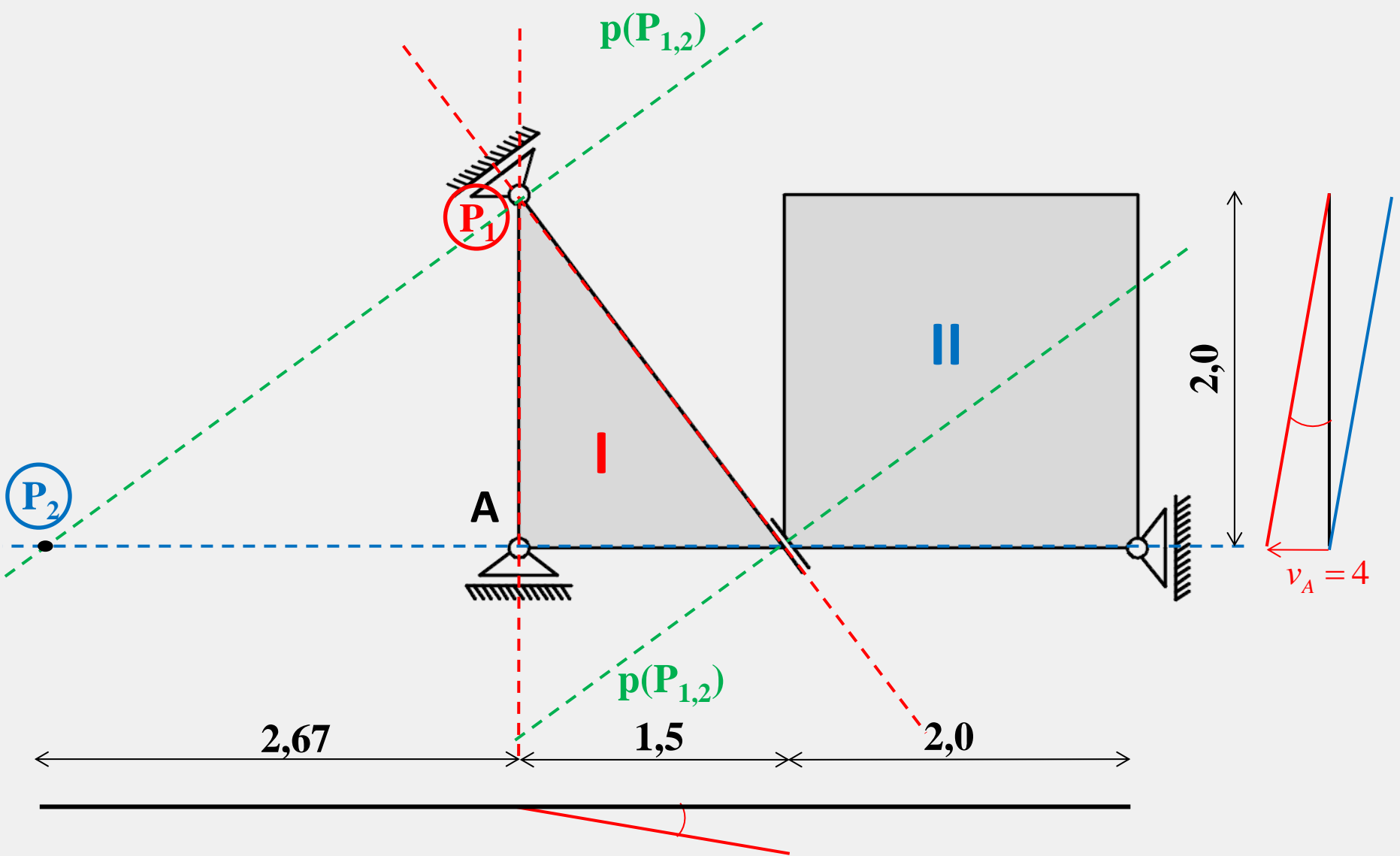
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



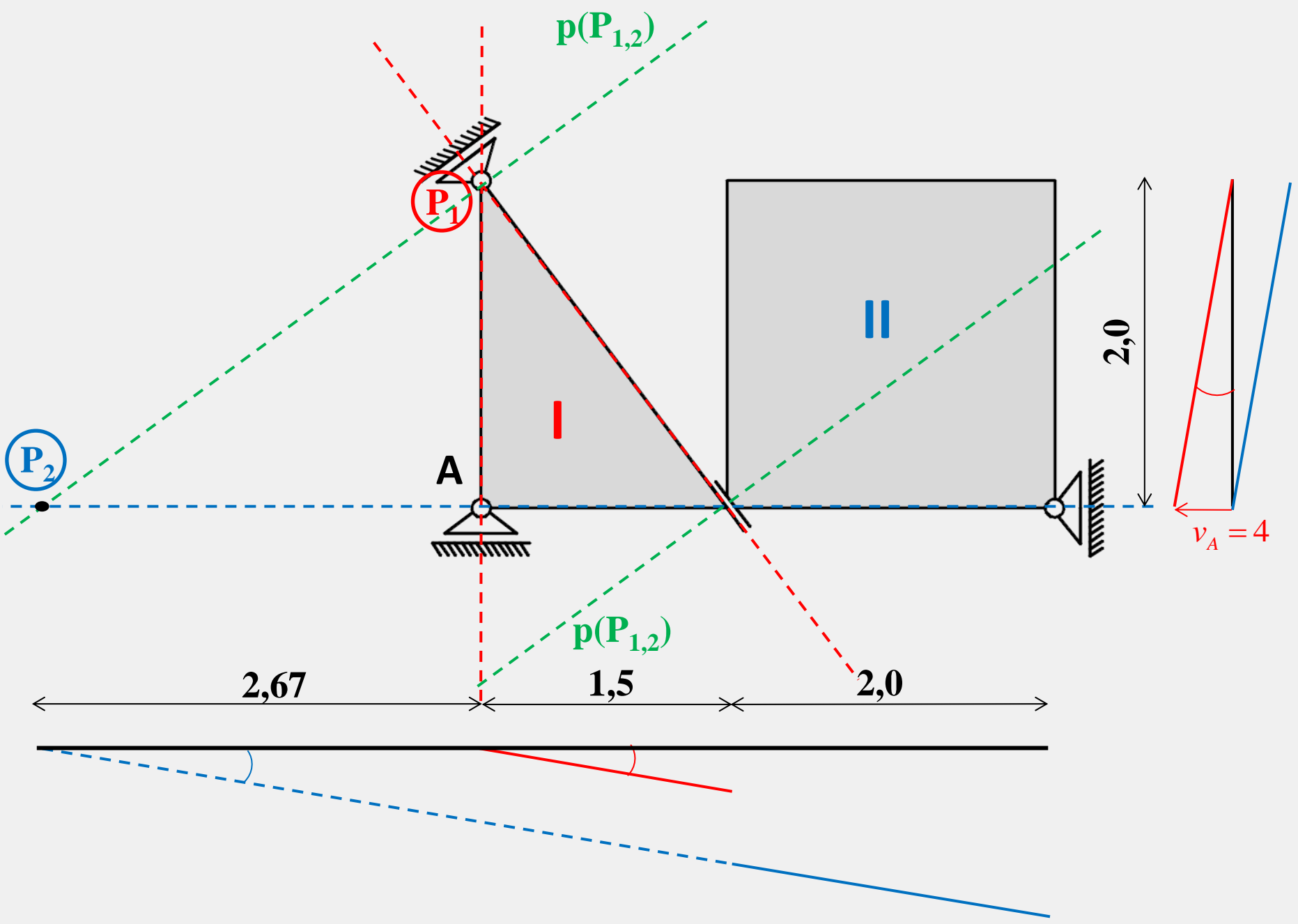
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



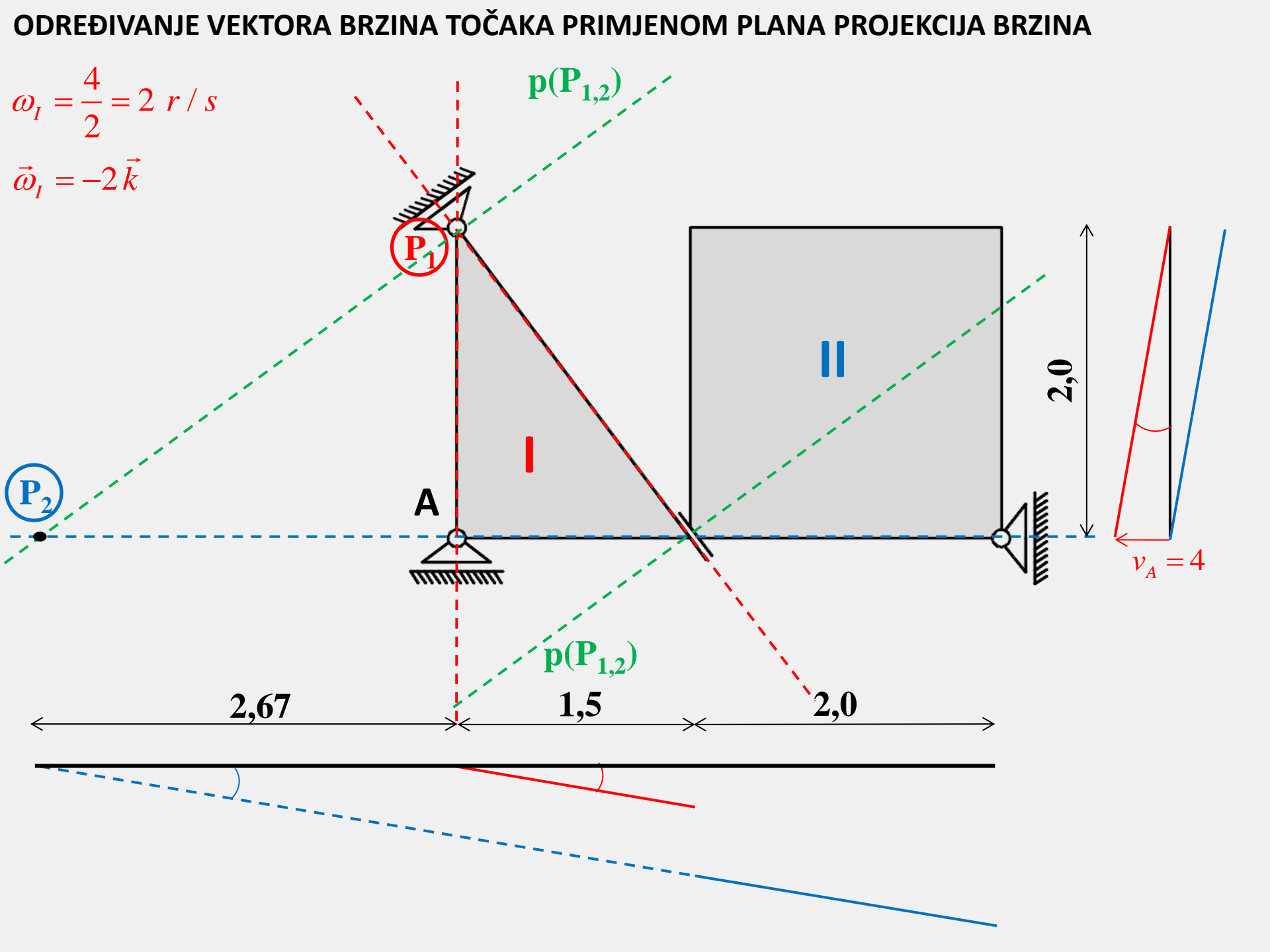
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA

$$\omega_I = \frac{4}{2} = 2 \text{ r/s}$$

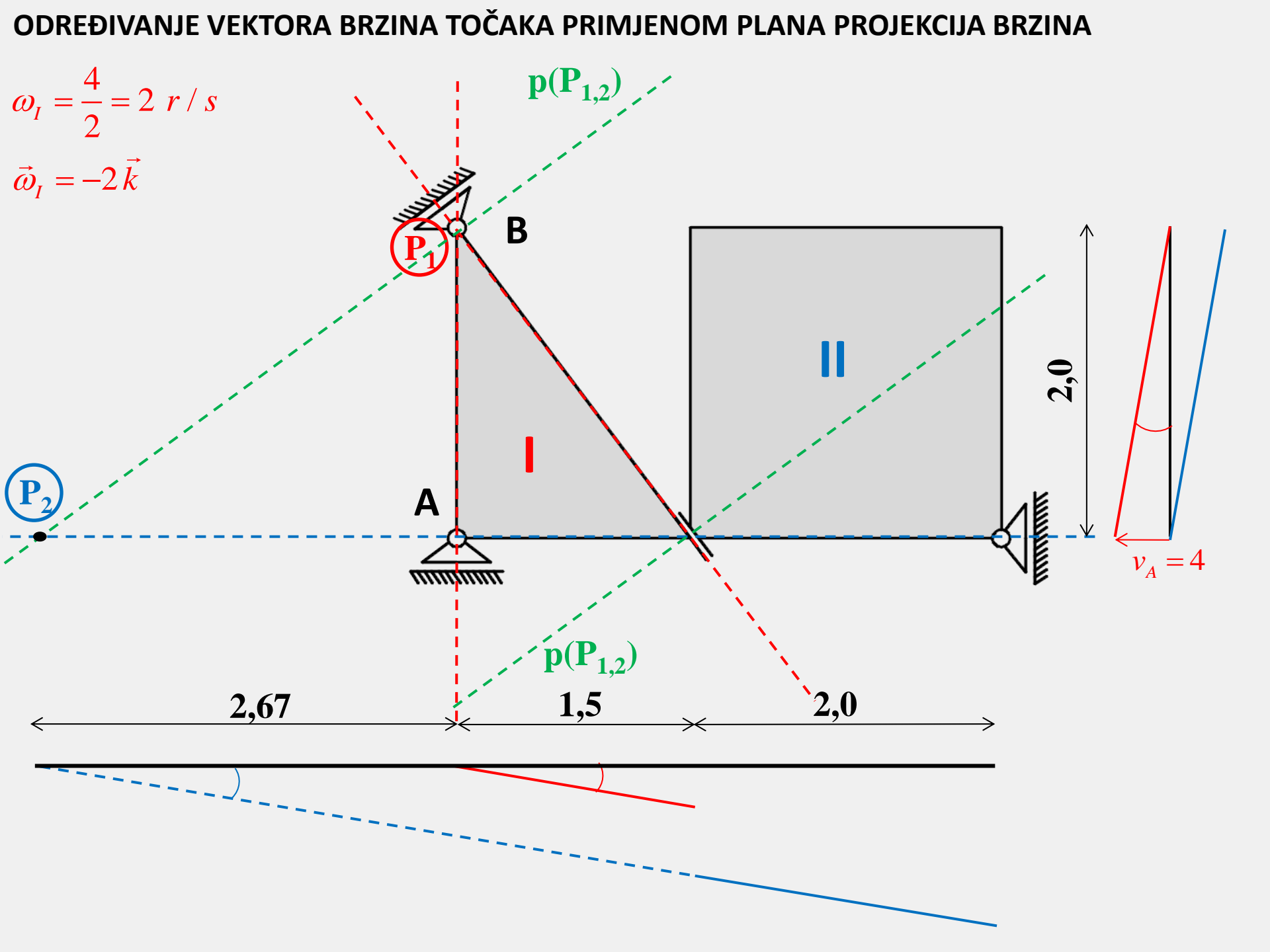
$$\vec{\omega}_I = -2\vec{k}$$



ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA

$$\omega_I = \frac{4}{2} = 2 \text{ r/s}$$

$$\vec{\omega}_I = -2\vec{k}$$

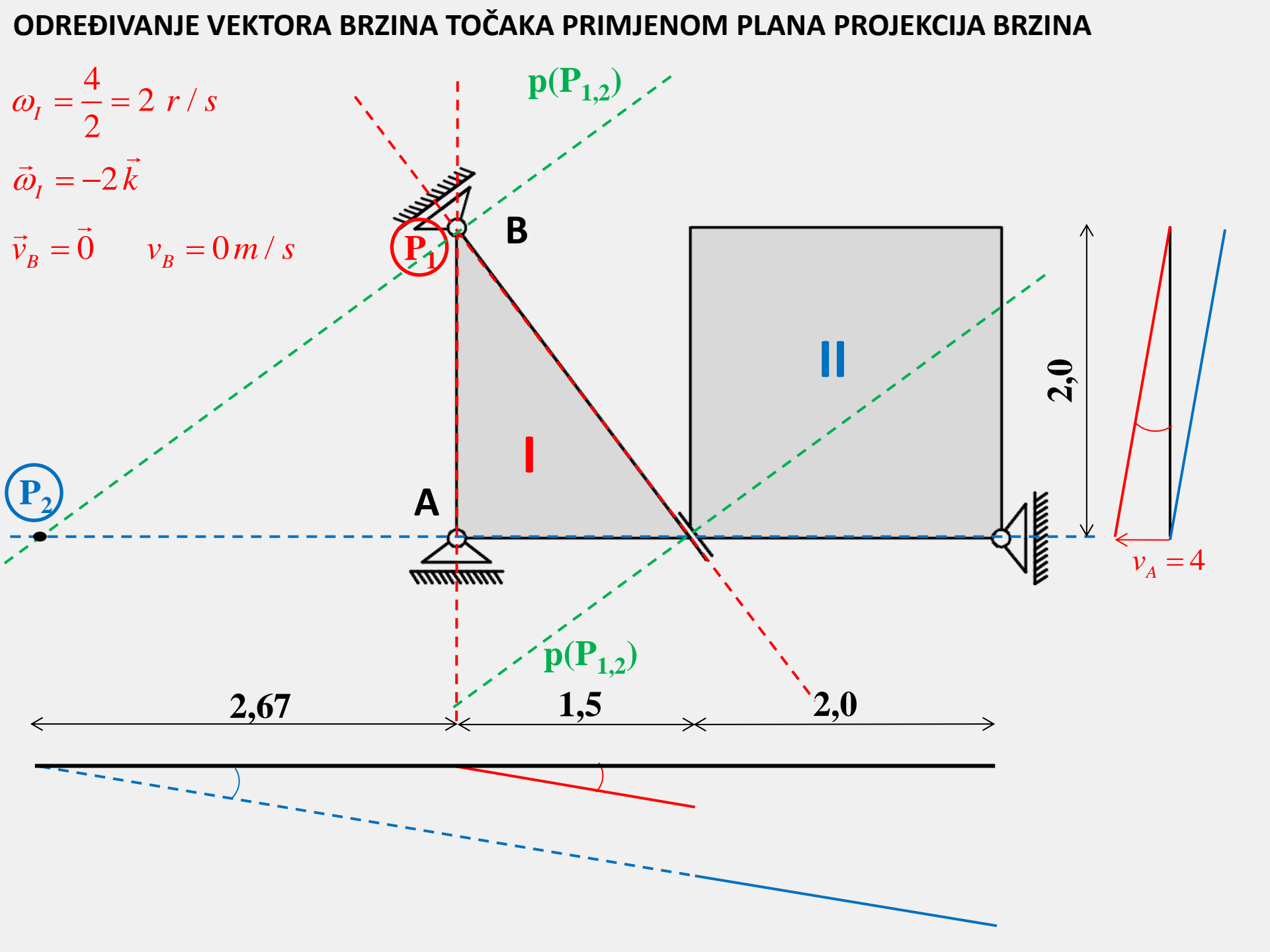


ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA

$$\omega_I = \frac{4}{2} = 2 \text{ r/s}$$

$$\vec{\omega}_I = -2\vec{k}$$

$$\vec{v}_B = \vec{0} \quad v_B = 0 \text{ m/s}$$



ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA

$$\omega_I = \frac{4}{2} = 2 \text{ r/s}$$

$$\vec{\omega}_I = -2\vec{k}$$

$$\vec{v}_B = \vec{0} \quad v_B = 0 \text{ m/s}$$

P_2

P_1

B

A

C

2,0

$$v_{Cx} = v_A = 4$$

$p(P_{1,2})$

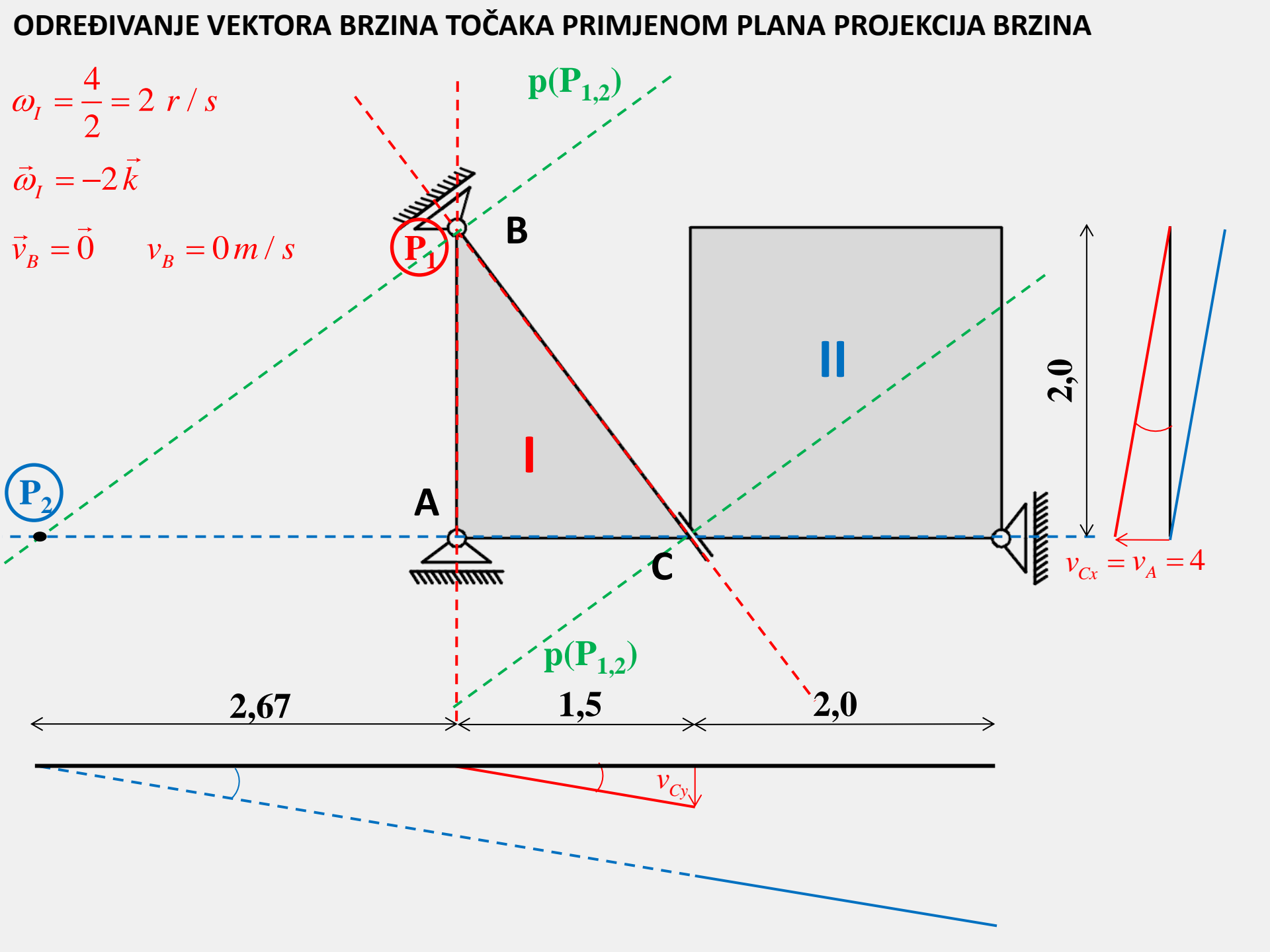
$p(P_{1,2})$

2,67

1,5

2,0

v_{Cy}



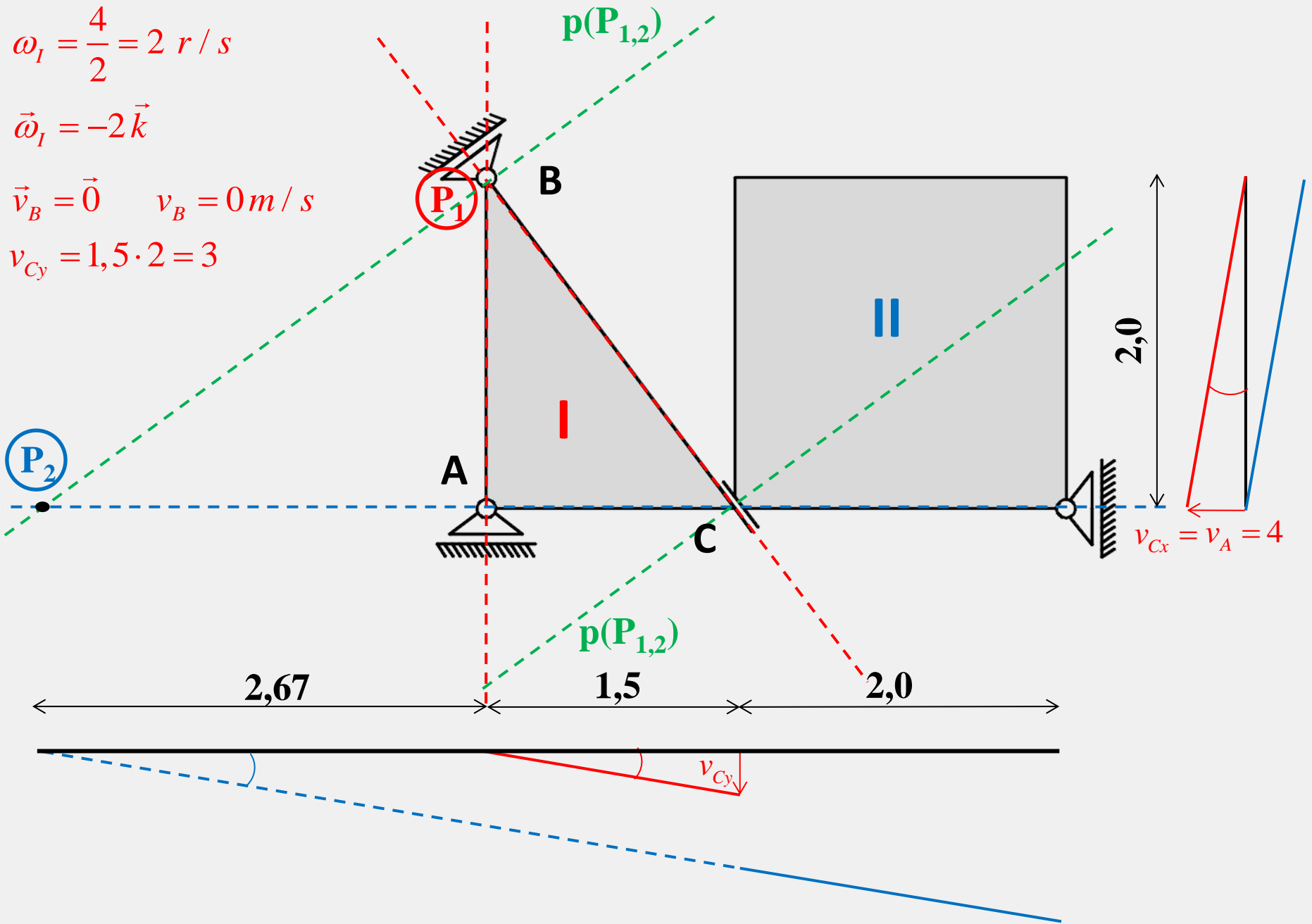
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA

$$\omega_I = \frac{4}{2} = 2 \text{ r/s}$$

$$\vec{\omega}_I = -2\vec{k}$$

$$\vec{v}_B = \vec{0} \quad v_B = 0 \text{ m/s}$$

$$v_{Cy} = 1,5 \cdot 2 = 3$$



ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA

$\omega_I = \frac{4}{2} = 2 \text{ r/s}$

$\vec{\omega}_I = -2\vec{k}$

$\vec{v}_B = \vec{0} \quad v_B = 0 \text{ m/s}$

$v_{Cy} = 1,5 \cdot 2 = 3$

$\vec{v}_C = -4\vec{i} - 3\vec{j} \quad v_C = 5 \text{ m/s}$

P_2

P_1

B

A

C

$p(P_{1,2})$

$p(P_{1,2})$

2,0

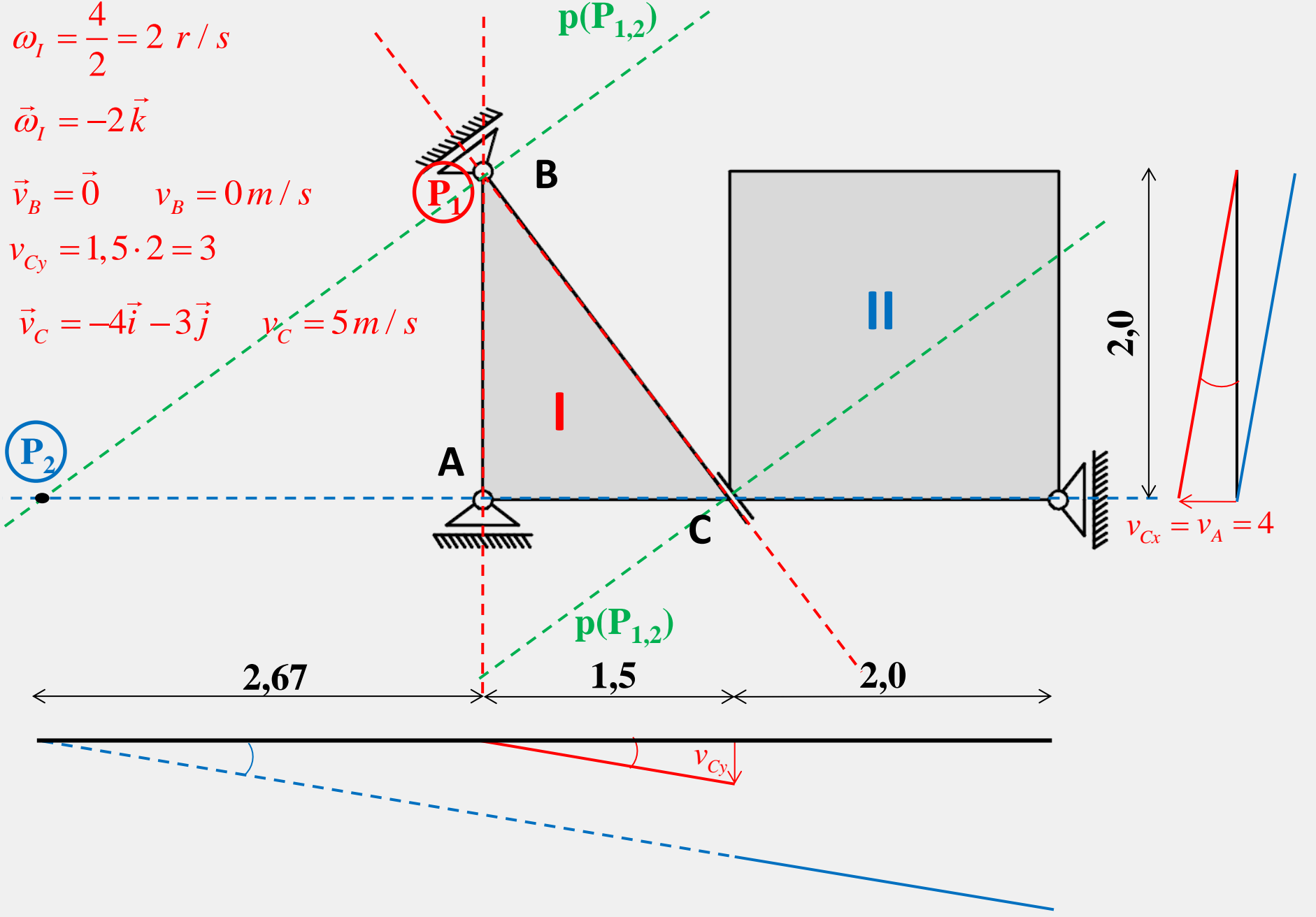
$v_{Cx} = v_A = 4$

2,67

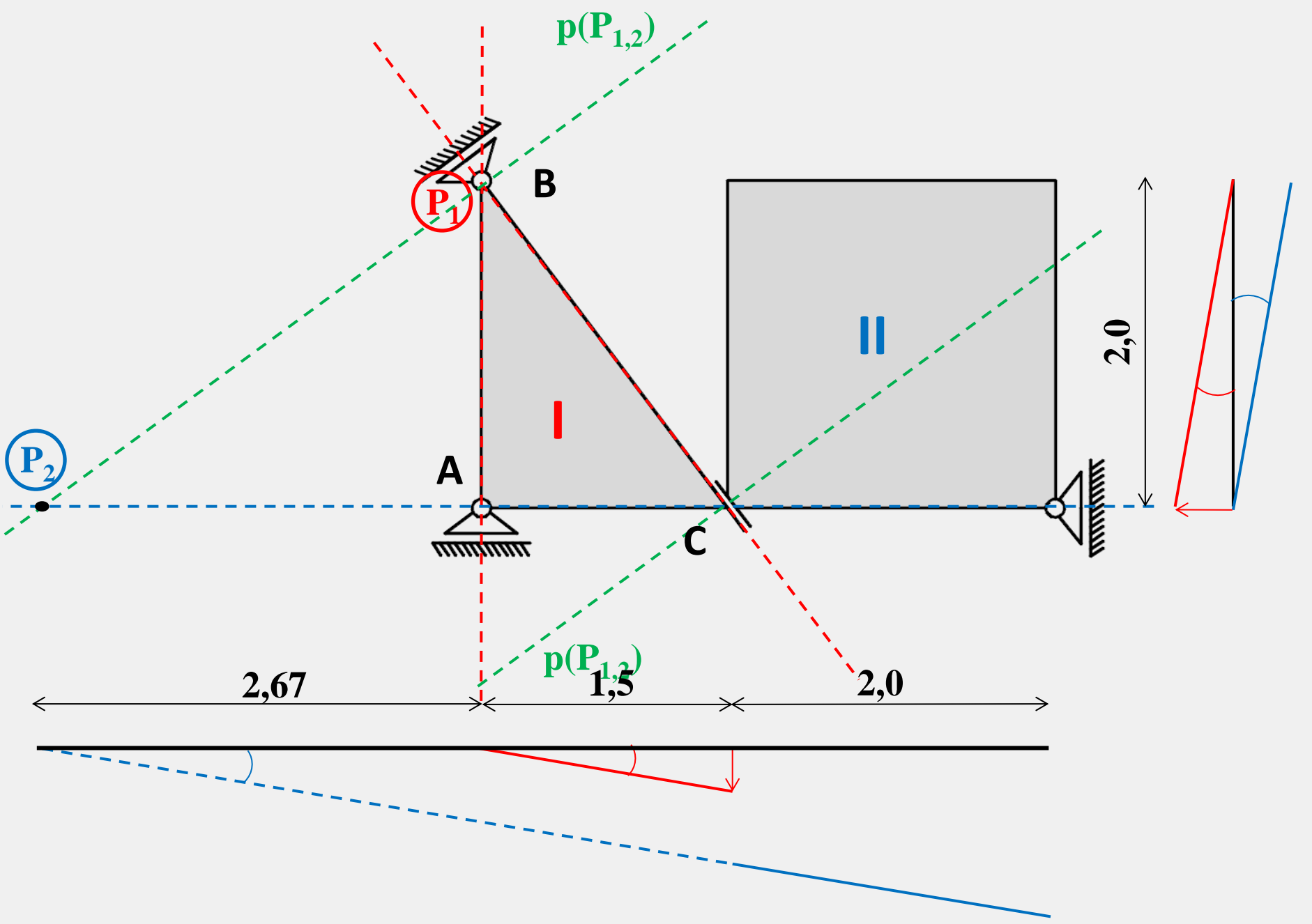
1,5

2,0

v_{Cy}

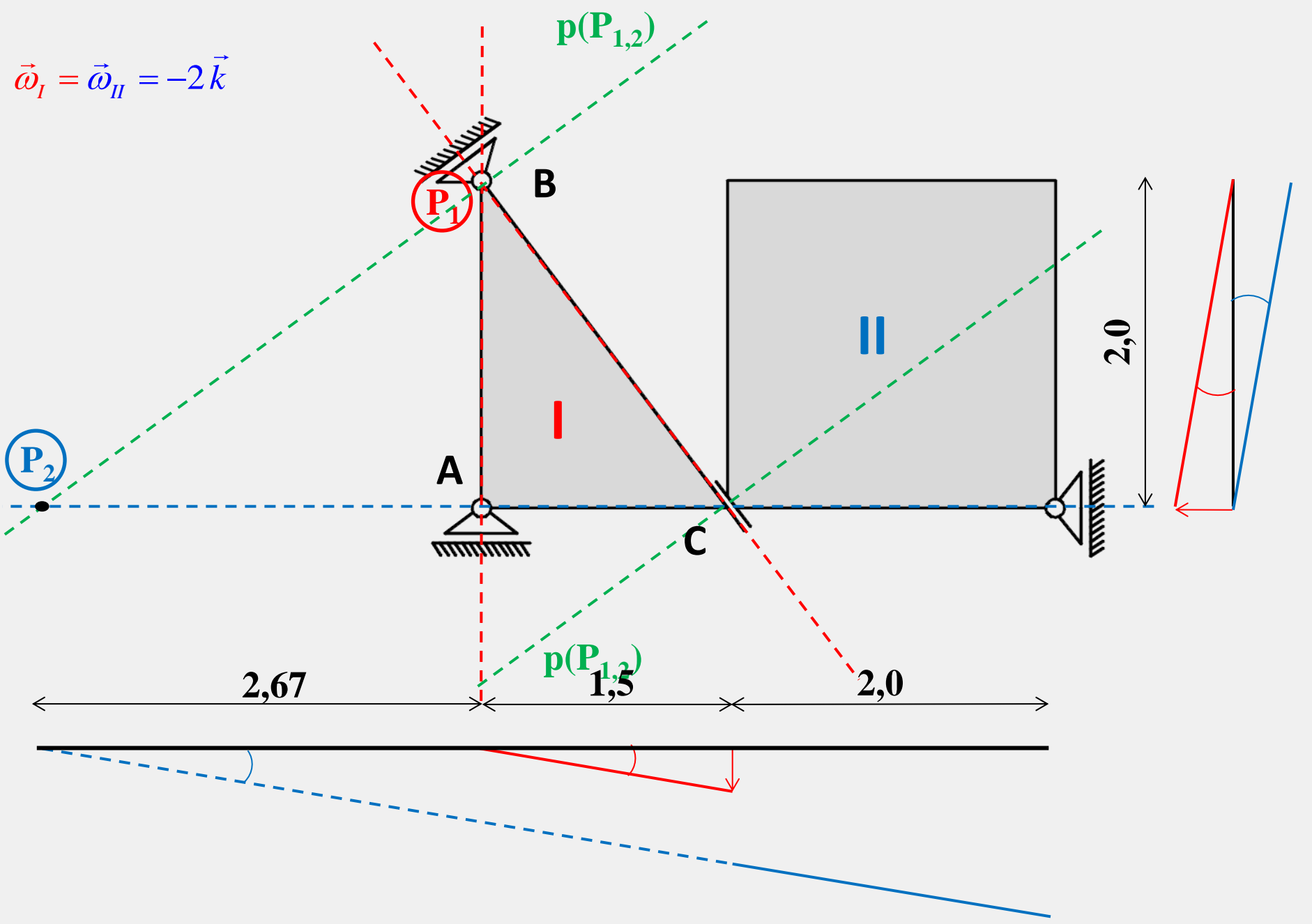


ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA



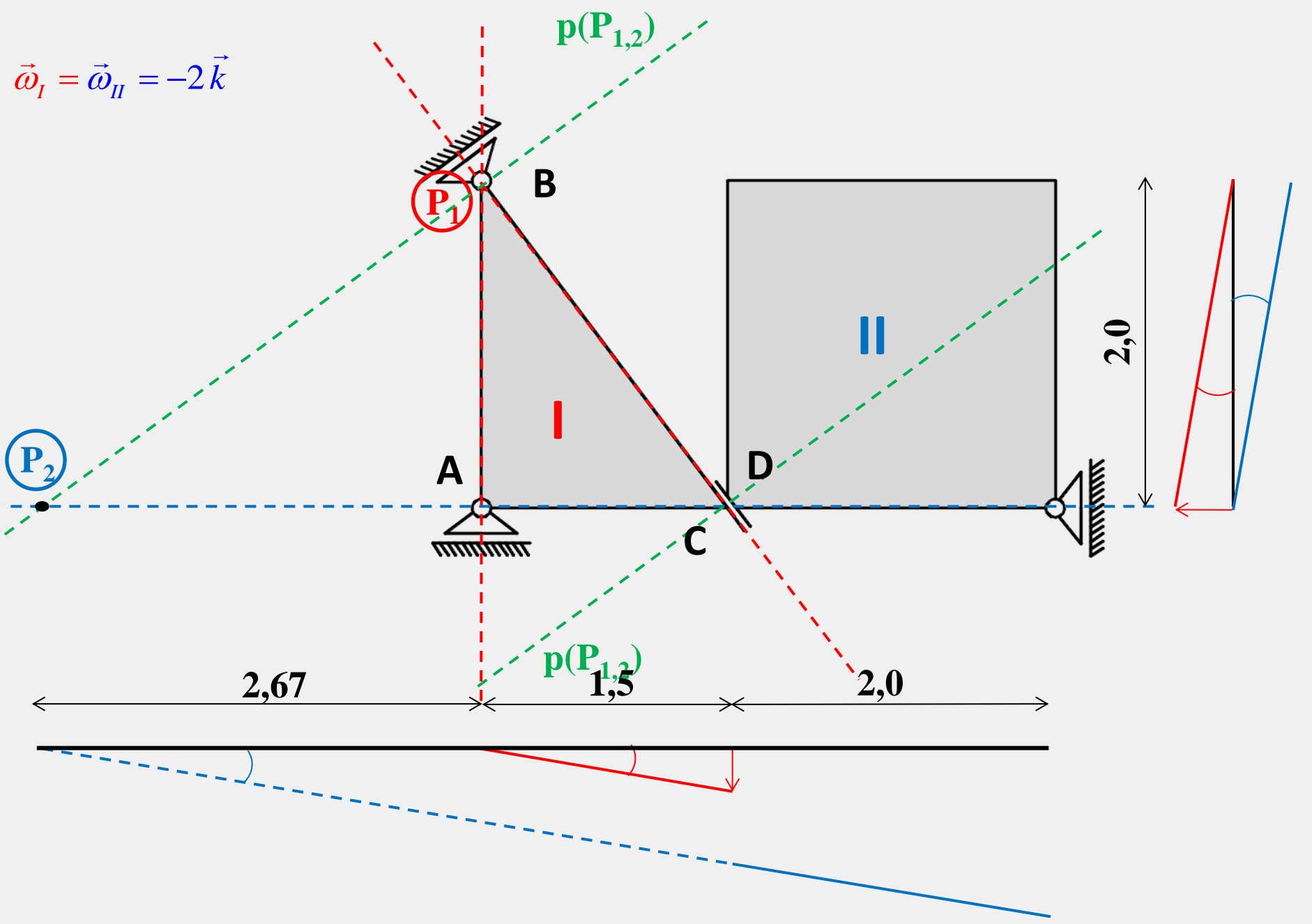
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA

$\vec{\omega}_I = \vec{\omega}_{II} = -2\vec{k}$



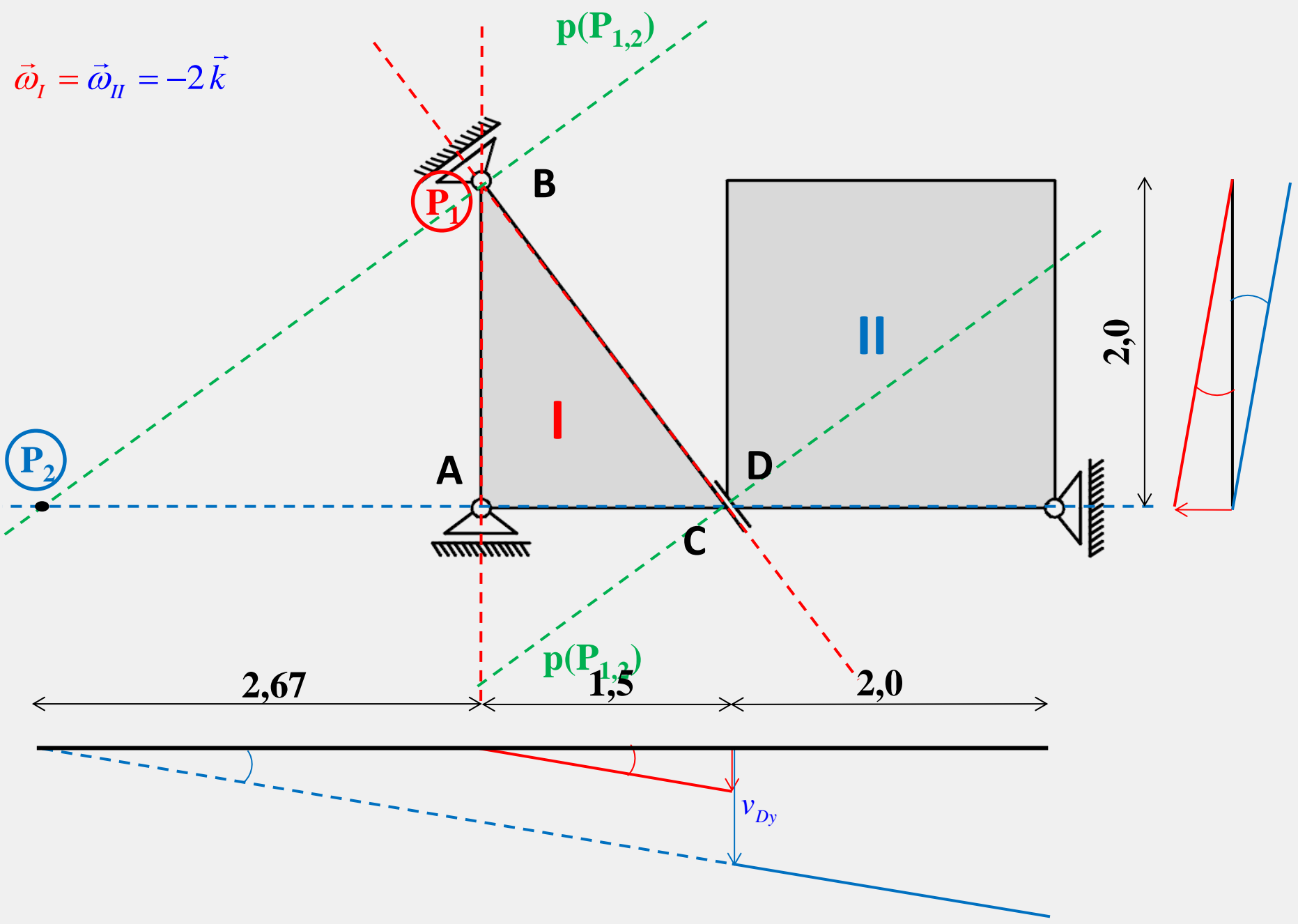
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA

$\vec{\omega}_I = \vec{\omega}_{II} = -2\vec{k}$



ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA

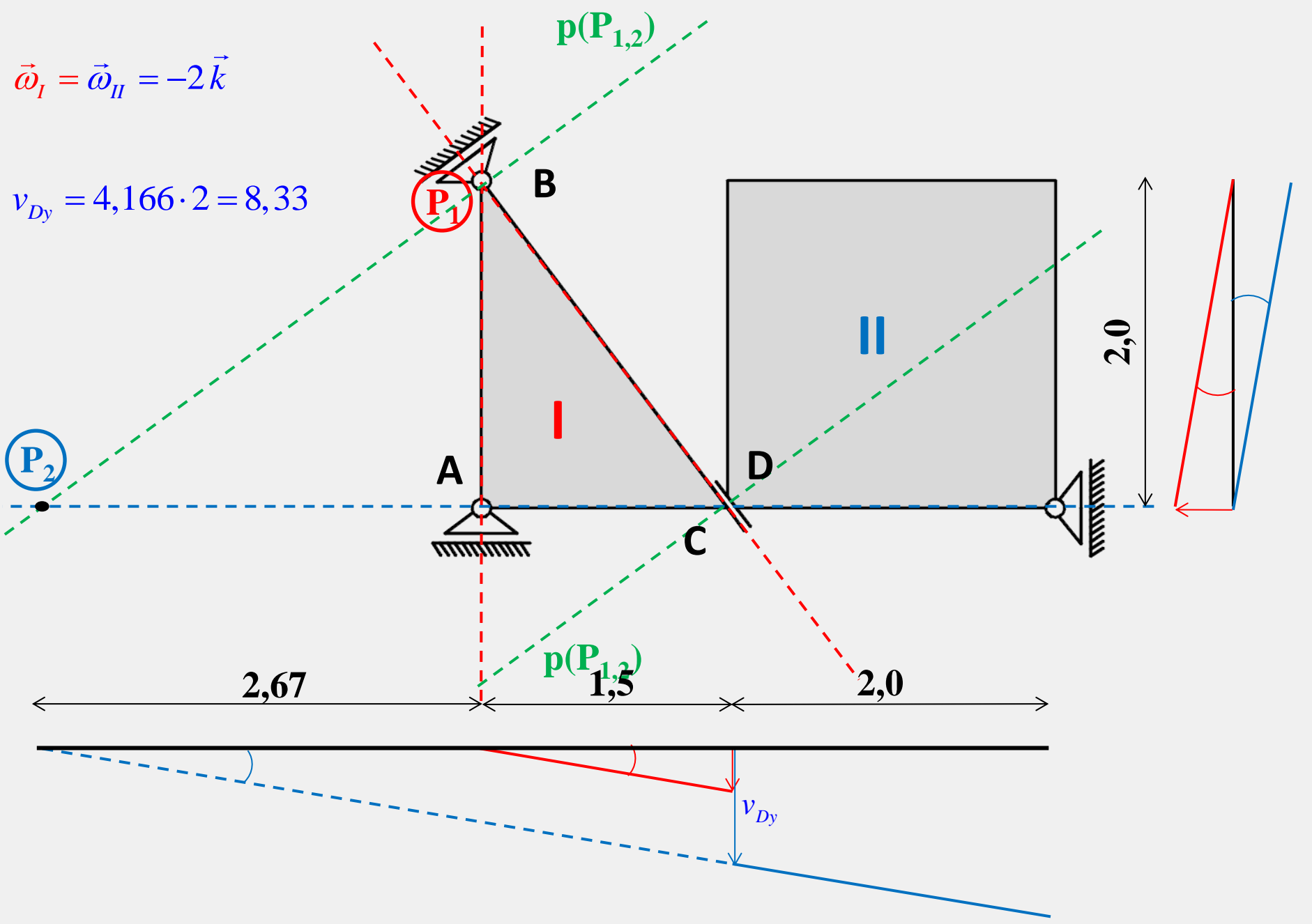
$$\vec{\omega}_I = \vec{\omega}_{II} = -2\vec{k}$$



ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA

$\vec{\omega}_I = \vec{\omega}_{II} = -2\vec{k}$

$v_{Dy} = 4,166 \cdot 2 = 8,33$

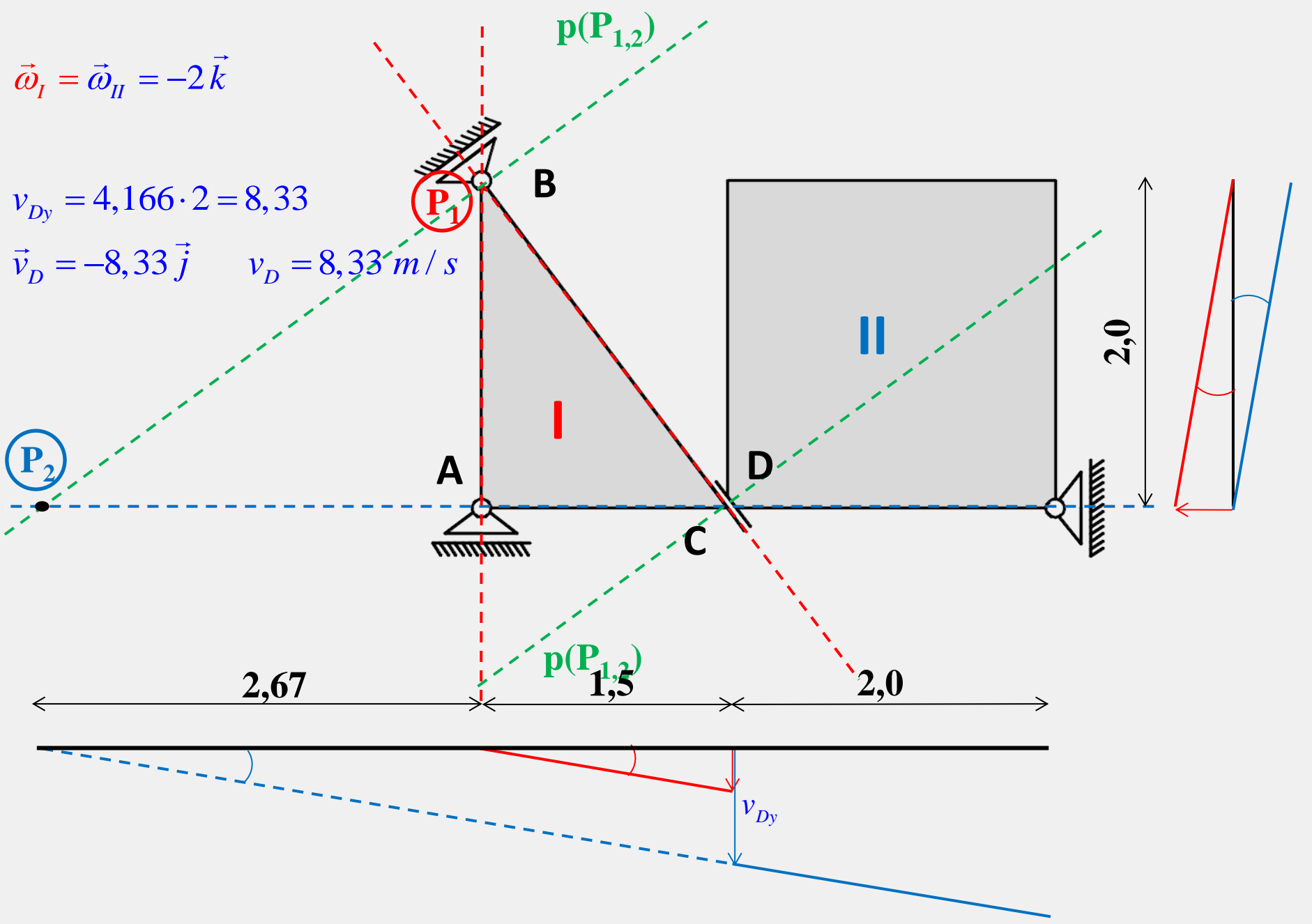


ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA

$\vec{\omega}_I = \vec{\omega}_{II} = -2\vec{k}$

$v_{Dy} = 4,166 \cdot 2 = 8,33$

$\vec{v}_D = -8,33\vec{j} \quad v_D = 8,33 \text{ m/s}$

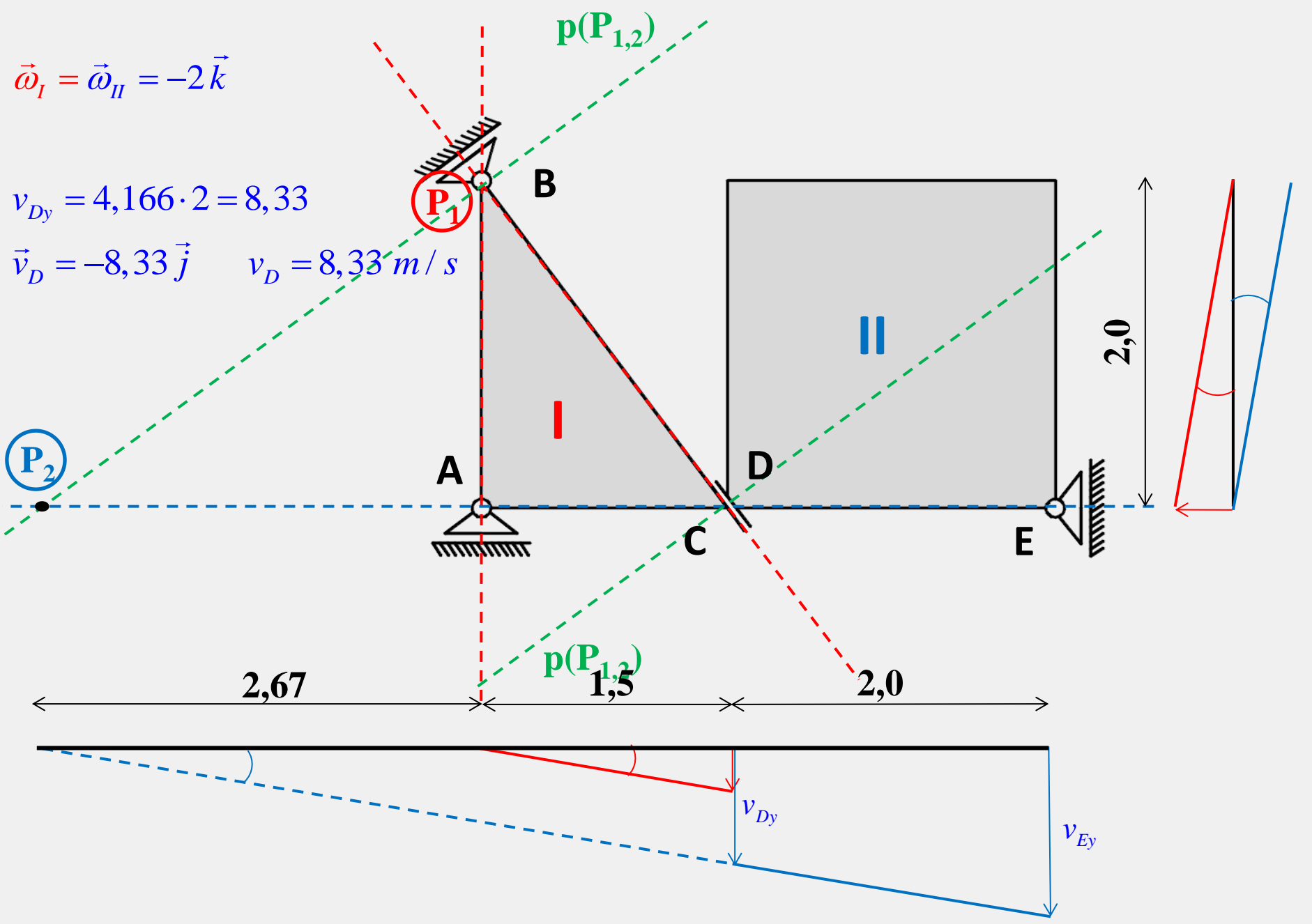


ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA

$\vec{\omega}_I = \vec{\omega}_{II} = -2\vec{k}$

$v_{Dy} = 4,166 \cdot 2 = 8,33$

$\vec{v}_D = -8,33\vec{j}$ $v_D = 8,33 \text{ m/s}$



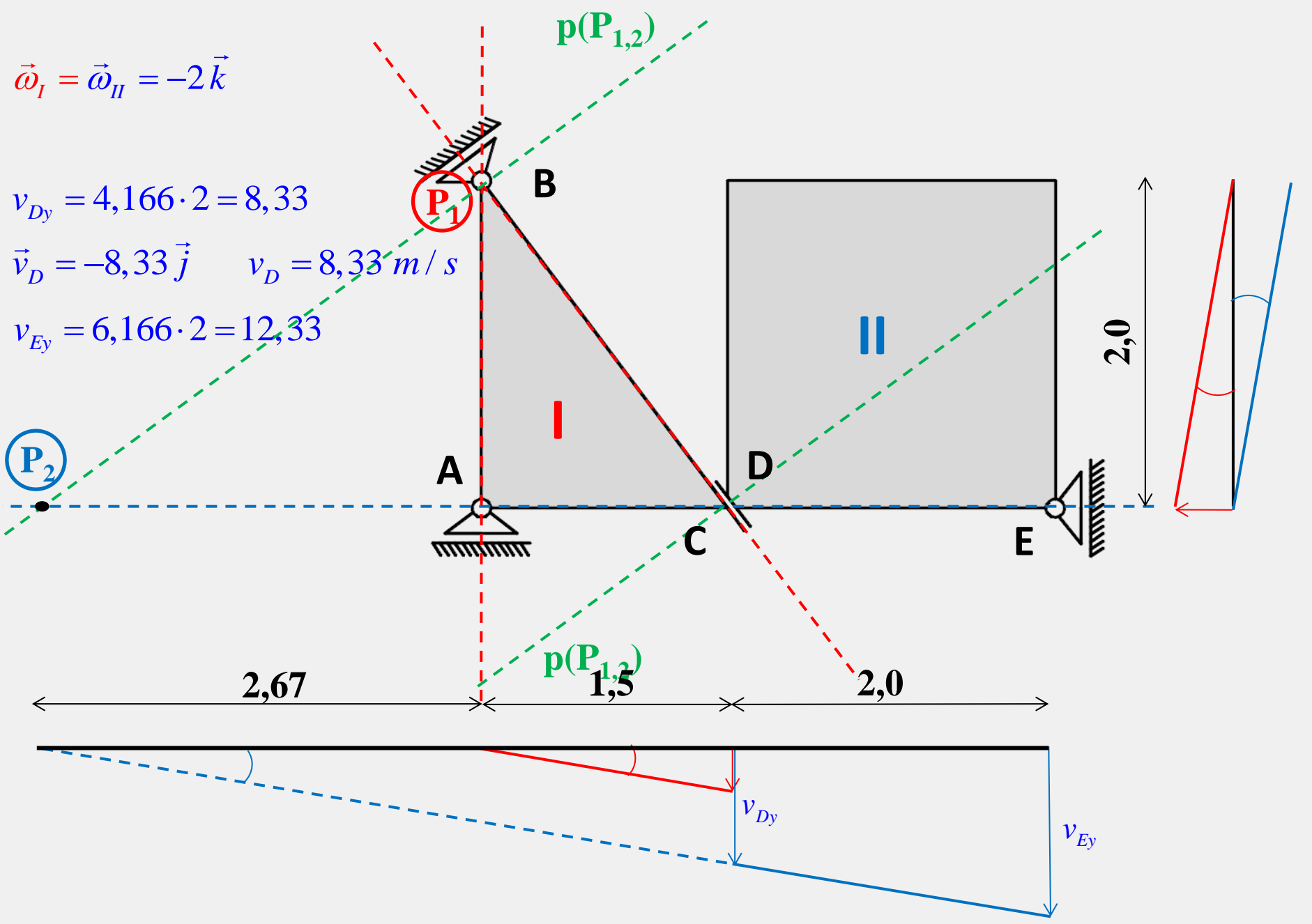
ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA

$\vec{\omega}_I = \vec{\omega}_{II} = -2\vec{k}$

$v_{Dy} = 4,166 \cdot 2 = 8,33$

$\vec{v}_D = -8,33\vec{j} \quad v_D = 8,33 \text{ m/s}$

$v_{Ey} = 6,166 \cdot 2 = 12,33$



ODREĐIVANJE VEKTORA BRZINA TOČKA PRIMJENOM PLANA PROJEKCIJA BRZINA

$\vec{\omega}_I = \vec{\omega}_{II} = -2\vec{k}$

$v_{Dy} = 4,166 \cdot 2 = 8,33$

$\vec{v}_D = -8,33\vec{j}$ $v_D = 8,33 \text{ m/s}$

$v_{Ey} = 6,166 \cdot 2 = 12,33$

$\vec{v}_E = -12,33\vec{j}$ $v_E = 12,33 \text{ m/s}$

P₂

P₁

$p(P_{1,2})$

$p(P_{1,2})$

2,67

1,5

2,0

2,0

v_{Dy}

v_{Ey}

