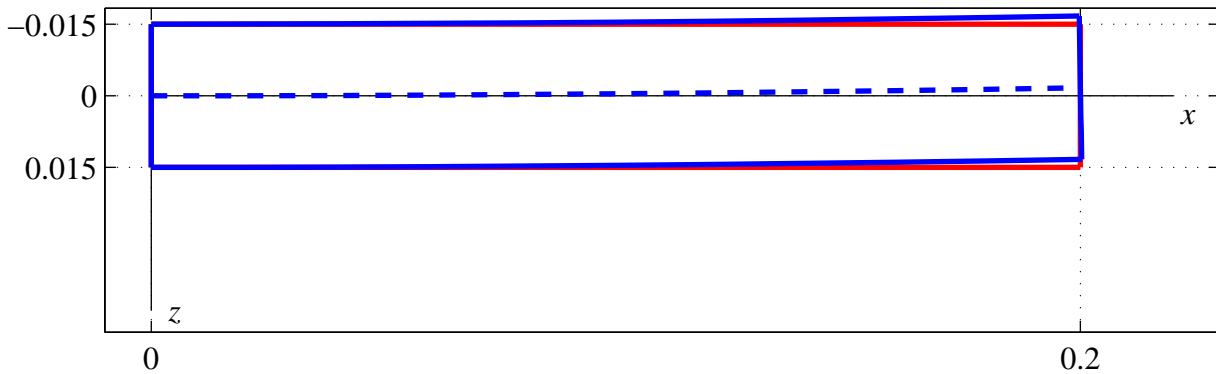


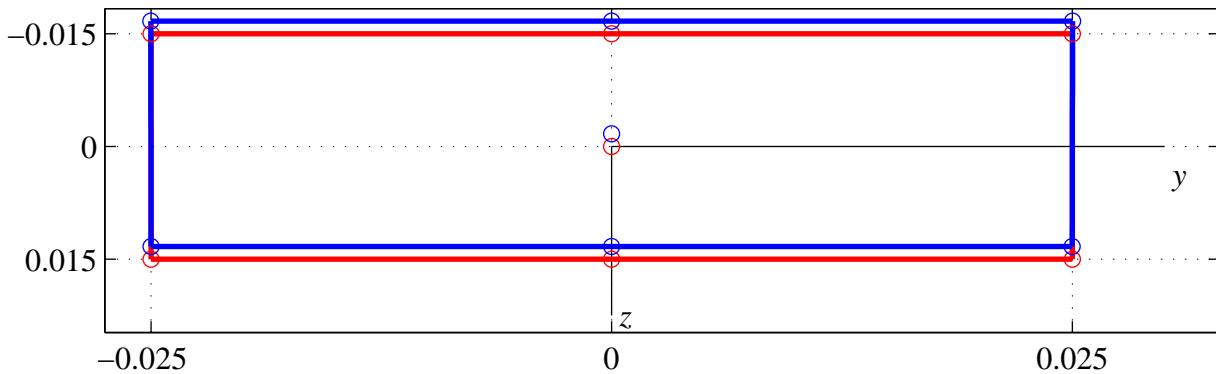
- Tala: pikkus $l = 0.2$ m; laius $2b = 0.05$ m; kõrgus $2a = 0.03$ m
- Koormus otstes $x = 0$ ja $x = l$: $M = 2$ kNm
- Materjal: teras; $E = 210$ GPa; $\nu = 0.3$

NB! Maksimaalse vertikaalsiirde ja paksuse suhe on 0.06

Tala peatasandi x - z punktide siirded ja deformeerunud kuju



Tala otsa $x = l$ siirded ja deformeerunud kuju



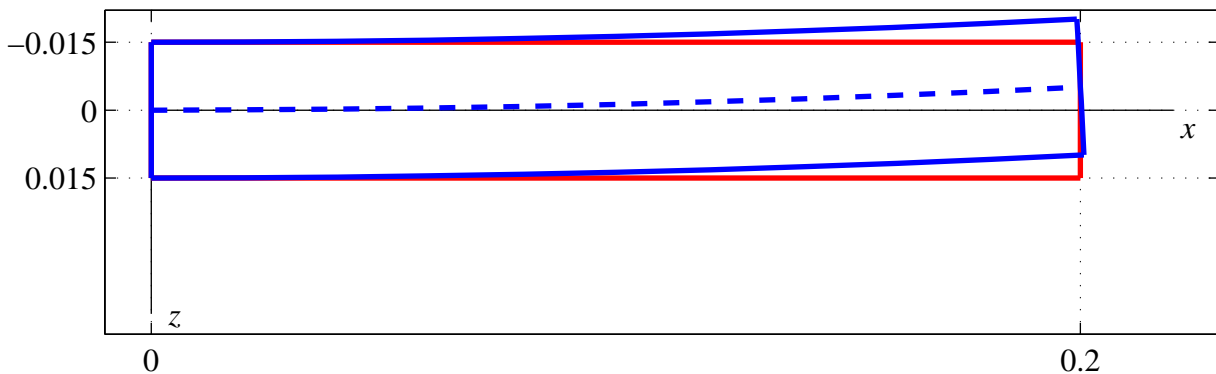
Punktide (y, z) siirded (u, v, w) lõikes $x = l$

- $y = 0.000$; $z = 0.000$; $u = 0.000000$; $v = -0.00000000$; $w = -0.00169312$
- $y = -0.025$; $z = 0.015$; $u = 0.000254$; $v = 0.00000952$; $w = -0.00168804$
- $y = 0.000$; $z = 0.015$; $u = 0.000254$; $v = -0.00000000$; $w = -0.00169598$
- $y = 0.025$; $z = 0.015$; $u = 0.000254$; $v = -0.00000952$; $w = -0.00168804$
- $y = -0.025$; $z = -0.015$; $u = -0.000254$; $v = -0.00000952$; $w = -0.00168804$
- $y = 0.000$; $z = -0.015$; $u = -0.000254$; $v = 0.00000000$; $w = -0.00169598$
- $y = 0.025$; $z = -0.015$; $u = -0.000254$; $v = 0.00000952$; $w = -0.00168804$

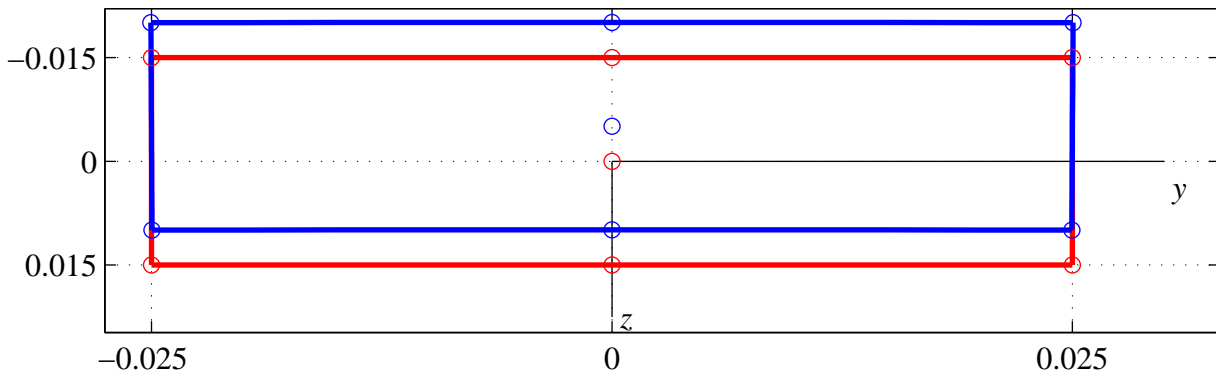
- Tala: pikkus $l = 0.2$ m; laius $2b = 0.05$ m; kõrgus $2a = 0.03$ m
- Koormus otstes $x = 0$ ja $x = l$: $M = 2$ kNm
- Materjal: alumiinium; $E = 70$ GPa; $\nu = 0.35$

NB! Maksimaalse vertikaalsiirde ja paksuse suhe on 0.17

Tala peatasandi x - z punktide siirded ja deformeerunud kuju



Tala otsa $x = l$ siirded ja deformeerunud kuju



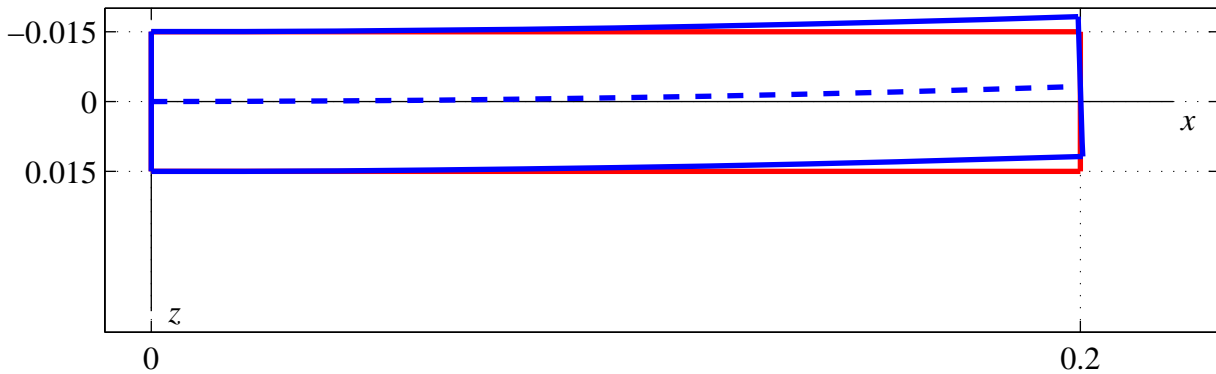
Punktide (y, z) siirded (u, v, w) lõikes $x = l$

- $y = 0.000$; $z = 0.000$; $u = 0.000000$; $v = -0.00000000$; $w = -0.00507937$
- $y = -0.025$; $z = 0.015$; $u = 0.000762$; $v = 0.00003333$; $w = -0.00506159$
- $y = 0.000$; $z = 0.015$; $u = 0.000762$; $v = -0.00000000$; $w = -0.00508937$
- $y = 0.025$; $z = 0.015$; $u = 0.000762$; $v = -0.00003333$; $w = -0.00506159$
- $y = -0.025$; $z = -0.015$; $u = -0.000762$; $v = -0.00003333$; $w = -0.00506159$
- $y = 0.000$; $z = -0.015$; $u = -0.000762$; $v = 0.00000000$; $w = -0.00508937$
- $y = 0.025$; $z = -0.015$; $u = -0.000762$; $v = 0.00003333$; $w = -0.00506159$

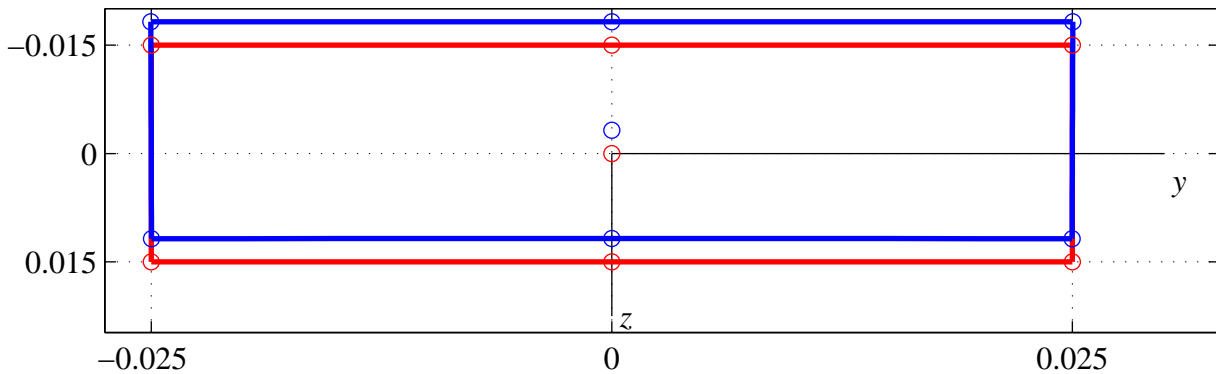
- Tala: pikkus $l = 0.2$ m; laius $2b = 0.05$ m; kõrgus $2a = 0.03$ m
- Koormus otstes $x = 0$ ja $x = l$: $M = 2$ kNm
- Materjal: vask; $E = 110$ GPa; $\nu = 0.32$

NB! Maksimaalse vertikaalsiirde ja paksuse suhe on 0.11

Tala peatasandi x - z punktide siirded ja deformeerunud kuju



Tala otsa $x = l$ siirded ja deformeerunud kuju



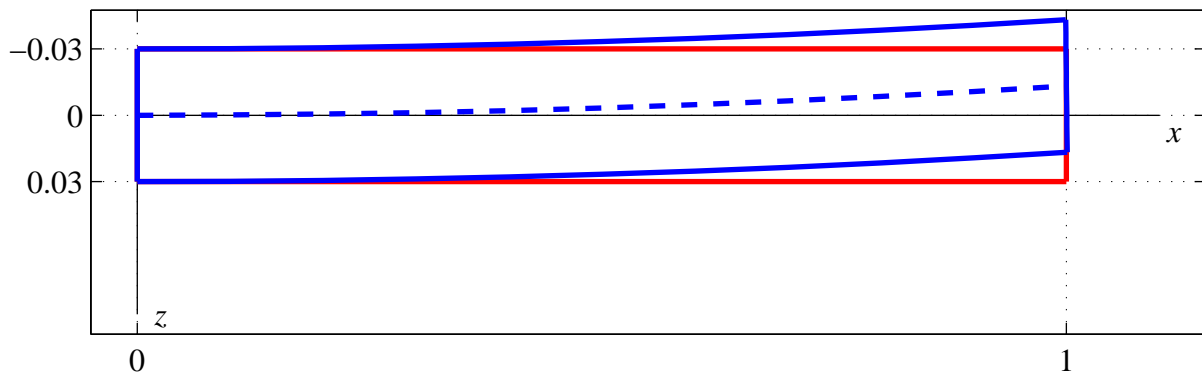
Punktide (y, z) siirded (u, v, w) lõikes $x = l$

- $y = 0.000$; $z = 0.000$; $u = 0.000000$; $v = -0.00000000$; $w = -0.00323232$
- $y = -0.025$; $z = 0.015$; $u = 0.000485$; $v = 0.00001939$; $w = -0.00322198$
- $y = 0.000$; $z = 0.015$; $u = 0.000485$; $v = -0.00000000$; $w = -0.00323814$
- $y = 0.025$; $z = 0.015$; $u = 0.000485$; $v = -0.00001939$; $w = -0.00322198$
- $y = -0.025$; $z = -0.015$; $u = -0.000485$; $v = -0.00001939$; $w = -0.00322198$
- $y = 0.000$; $z = -0.015$; $u = -0.000485$; $v = 0.00000000$; $w = -0.00323814$
- $y = 0.025$; $z = -0.015$; $u = -0.000485$; $v = 0.00001939$; $w = -0.00322198$

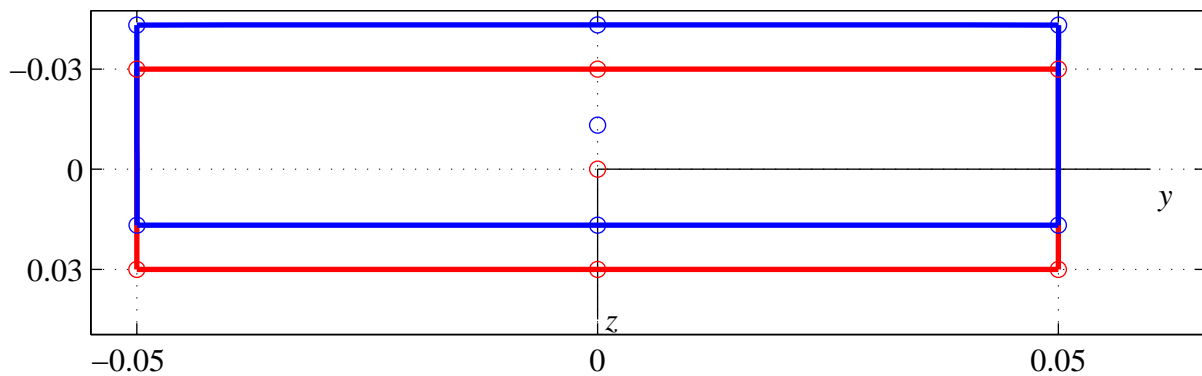
- Tala: pikkus $l = 1$ m; laius $2b = 0.1$ m; kõrgus $2a = 0.06$ m
- Koormus otstes $x = 0$ ja $x = l$: $M = 10$ kNm
- Materjal: teras; $E = 210$ GPa; $\nu = 0.3$

NB! Maksimaalse vertikaalsiirde ja paksuse suhe on 0.22

Tala peatasandi $x-z$ punktide siirded ja deformeerunud kuju



Tala otsa $x = l$ siirded ja deformeerunud kuju



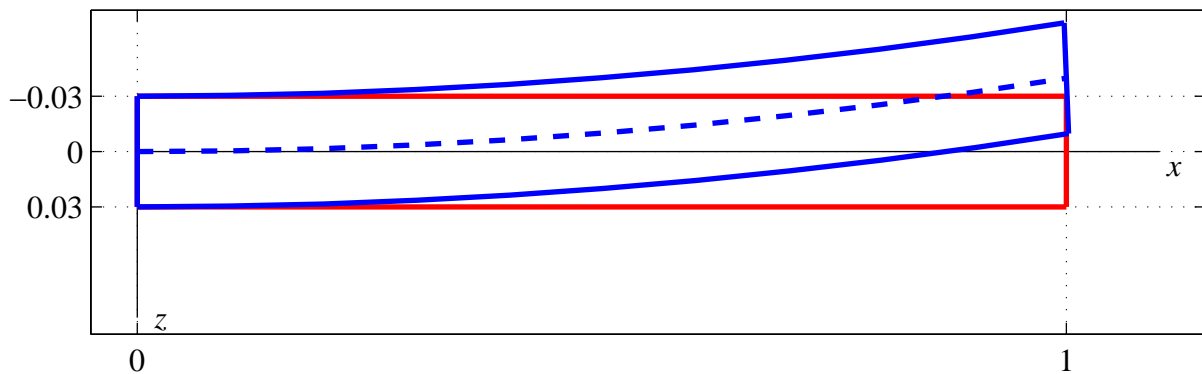
Punktide (y, z) siirded (u, v, w) lõikes $x = l$

- $y = 0.000$; $z = 0.000$; $u = 0.000000$; $v = -0.00000000$; $w = -0.01322751$
- $y = -0.050$; $z = 0.030$; $u = 0.000794$; $v = 0.00001190$; $w = -0.01322116$
- $y = 0.000$; $z = 0.030$; $u = 0.000794$; $v = -0.00000000$; $w = -0.01323108$
- $y = 0.050$; $z = 0.030$; $u = 0.000794$; $v = -0.00001190$; $w = -0.01322116$
- $y = -0.050$; $z = -0.030$; $u = -0.000794$; $v = -0.00001190$; $w = -0.01322116$
- $y = 0.000$; $z = -0.030$; $u = -0.000794$; $v = 0.00000000$; $w = -0.01323108$
- $y = 0.050$; $z = -0.030$; $u = -0.000794$; $v = 0.00001190$; $w = -0.01322116$

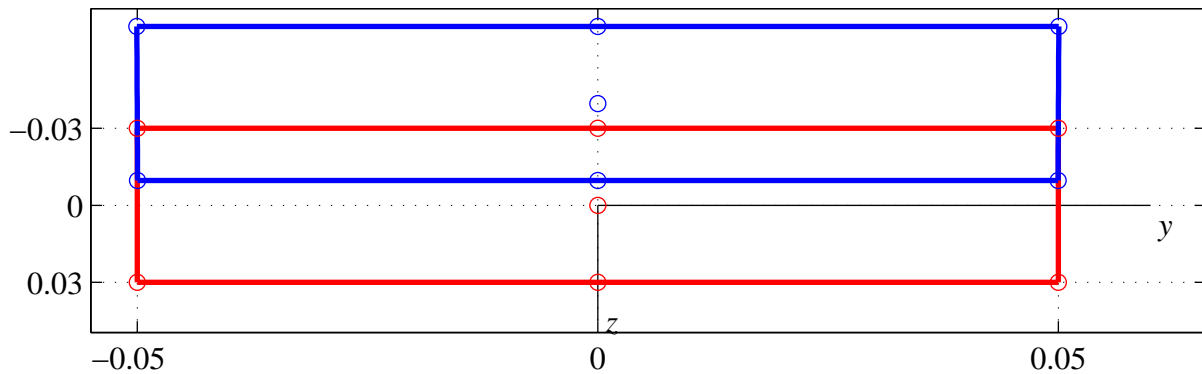
- Tala: pikkus $l = 1$ m; laius $2b = 0.1$ m; kõrgus $2a = 0.06$ m
- Koormus otstes $x = 0$ ja $x = l$: $M = 10$ kNm
- Materjal: alumiinium; $E = 70$ GPa; $\nu = 0.35$

NB! Maksimaalse vertikaalsiirde ja paksuse suhe on 0.66

Tala peatasandi x - z punktide siirded ja deformeerunud kuju



Tala otsa $x = l$ siirded ja deformeerunud kuju



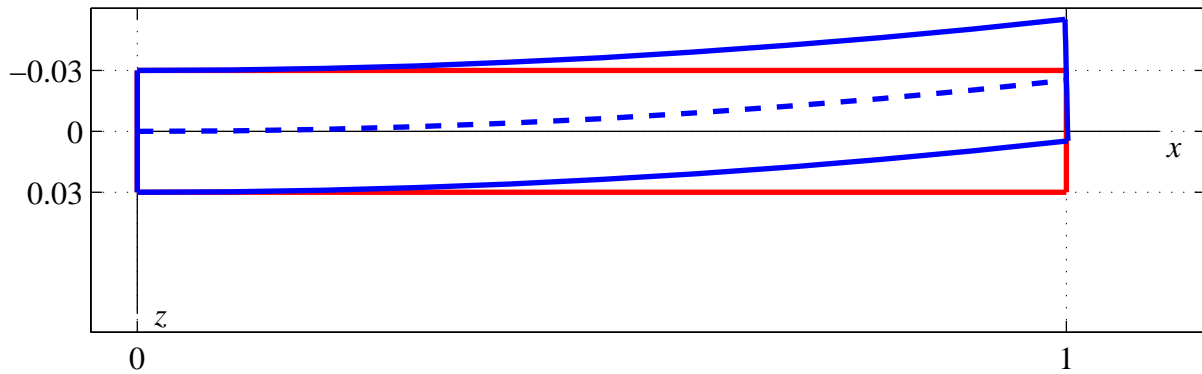
Punktide (y, z) siirded (u, v, w) lõikes $x = l$

- $y = 0.000$; $z = 0.000$; $u = 0.000000$; $v = -0.00000000$; $w = -0.03968254$
- $y = -0.050$; $z = 0.030$; $u = 0.002381$; $v = 0.00004167$; $w = -0.03966032$
- $y = 0.000$; $z = 0.030$; $u = 0.002381$; $v = -0.00000000$; $w = -0.03969504$
- $y = 0.050$; $z = 0.030$; $u = 0.002381$; $v = -0.00004167$; $w = -0.03966032$
- $y = -0.050$; $z = -0.030$; $u = -0.002381$; $v = -0.00004167$; $w = -0.03966032$
- $y = 0.000$; $z = -0.030$; $u = -0.002381$; $v = 0.00000000$; $w = -0.03969504$
- $y = 0.050$; $z = -0.030$; $u = -0.002381$; $v = 0.00004167$; $w = -0.03966032$

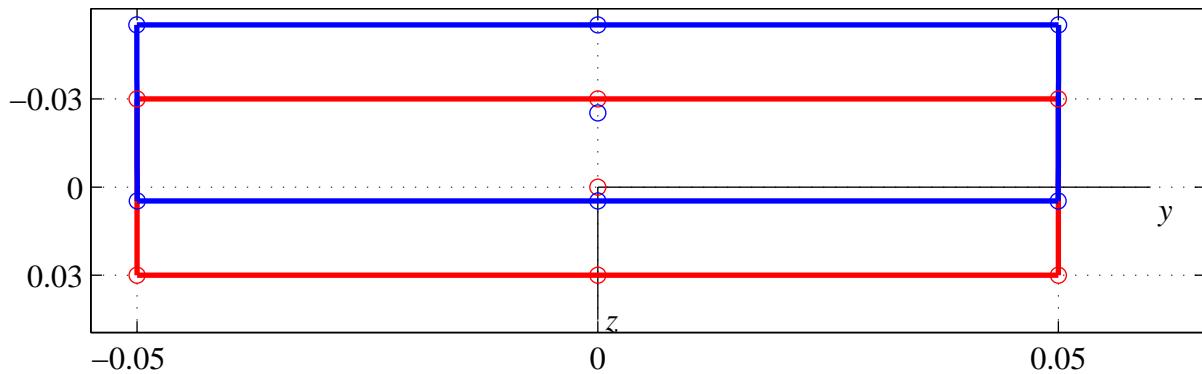
- Tala: pikkus $l = 1$ m; laius $2b = 0.1$ m; kõrgus $2a = 0.06$ m
- Koormus otstes $x = 0$ ja $x = l$: $M = 10$ kNm
- Materjal: vask; $E = 110$ GPa; $\nu = 0.32$

NB! Maksimaalse vertikaalsiirde ja paksuse suhe on 0.42

Tala peatasandi x - z punktide siirded ja deformeerunud kuju



Tala otsa $x = l$ siirded ja deformeerunud kuju



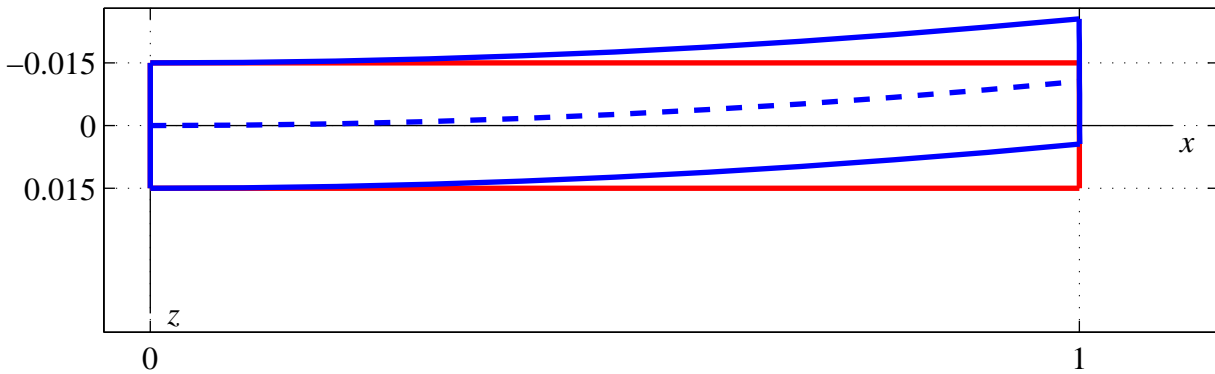
Punktide (y, z) siirded (u, v, w) lõikes $x = l$

- $y = 0.000$; $z = 0.000$; $u = 0.000000$; $v = -0.00000000$; $w = -0.02525253$
- $y = -0.050$; $z = 0.030$; $u = 0.001515$; $v = 0.00002424$; $w = -0.02523960$
- $y = 0.000$; $z = 0.030$; $u = 0.001515$; $v = -0.00000000$; $w = -0.02525980$
- $y = 0.050$; $z = 0.030$; $u = 0.001515$; $v = -0.00002424$; $w = -0.02523960$
- $y = -0.050$; $z = -0.030$; $u = -0.001515$; $v = -0.00002424$; $w = -0.02523960$
- $y = 0.000$; $z = -0.030$; $u = -0.001515$; $v = 0.00000000$; $w = -0.02525980$
- $y = 0.050$; $z = -0.030$; $u = -0.001515$; $v = 0.00002424$; $w = -0.02523960$

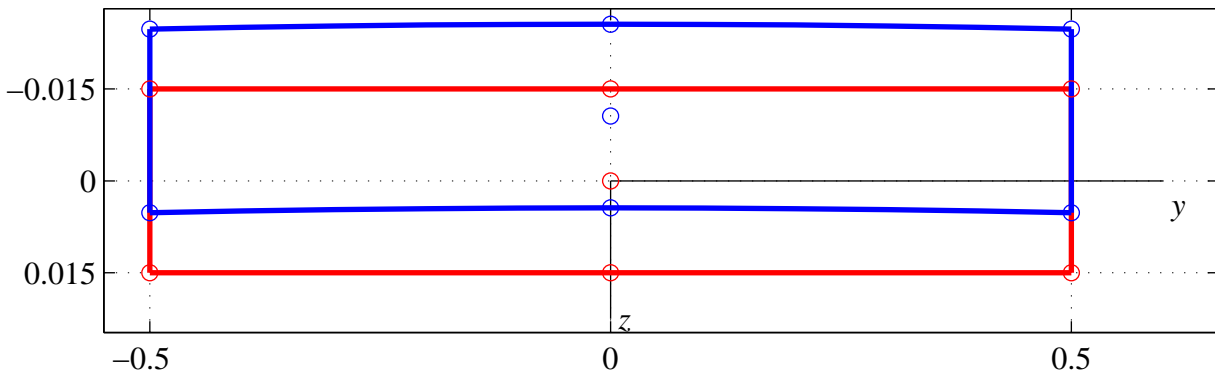
- *Plaat: pikkus $l = 1$ m; laius $2b = 1$ m; kõrgus $2a = 0.03$ m*
- *Koormus otstes $x = 0$ ja $x = l$: $M = 10$ kNm*
- *Materjal: teras; $E = 210$ GPa; $\nu = 0.3$*

NB! Maksimaalse vertikaalsiirde ja paksuse suhe on 0.35

Plaadi peatasandi x - z punktide siirded ja deformeerunud kuju



Plaadi serva $x = l$ siirded ja deformeerunud kuju



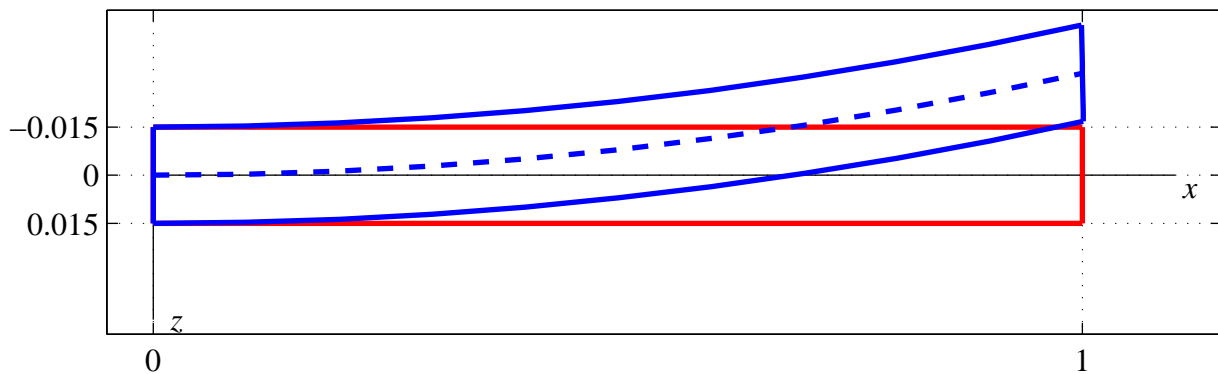
Punktide (y, z) siirded (u, v, w) lõikes $x = l$

- $y = 0.000; z = 0.000; u = 0.0000000; v = -0.000000000; w = -0.01058201$
- $y = -0.500; z = 0.015; u = 0.000317; v = 0.00004762; w = -0.00978907$
- $y = 0.000; z = 0.015; u = 0.000317; v = -0.000000000; w = -0.01058272$
- $y = 0.500; z = 0.015; u = 0.000317; v = -0.00004762; w = -0.00978907$
- $y = -0.500; z = -0.015; u = -0.000317; v = -0.00004762; w = -0.00978907$
- $y = 0.000; z = -0.015; u = -0.000317; v = 0.000000000; w = -0.01058272$
- $y = 0.500; z = -0.015; u = -0.000317; v = 0.00004762; w = -0.00978907$

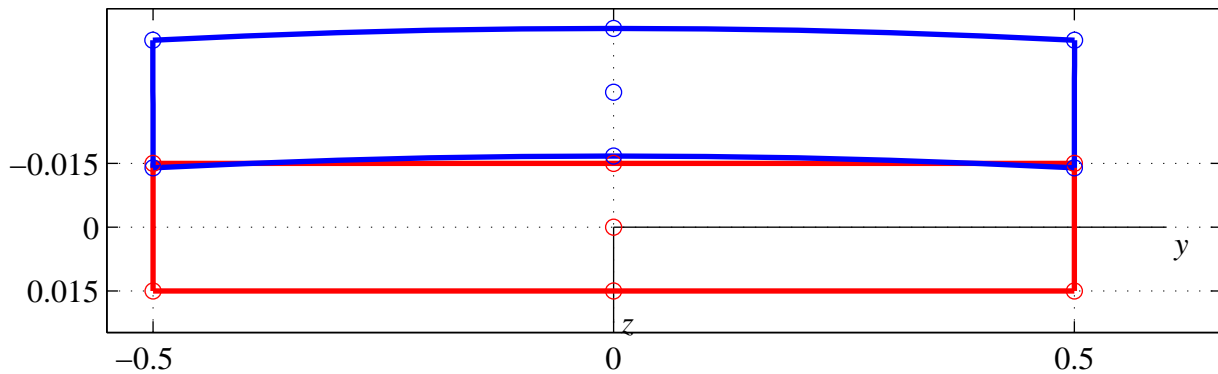
- *Plaat: pikkus $l = 1$ m; laius $2b = 1$ m; kõrgus $2a = 0.03$ m*
- *Koormus otstes $x = 0$ ja $x = l$: $M = 10$ kNm*
- *Materjal: alumiinium; $E = 70$ GPa; $\nu = 0.35$*

NB! Maksimaalse vertikaalsiirde ja paksuse suhe on 1.06

Plaadi peatasandi x - z punktide siirded ja deformeerunud kuju



Plaadi serva $x = l$ siirded ja deformeerunud kuju



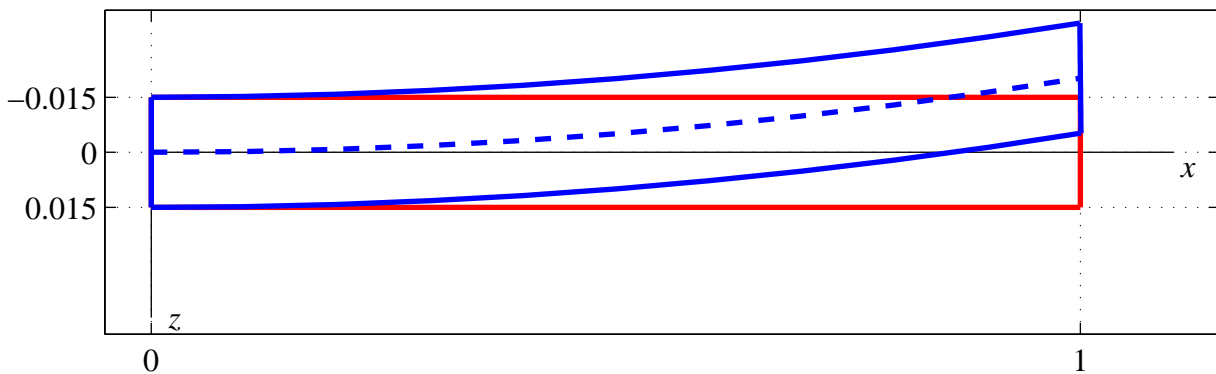
Punktide (y, z) siirded (u, v, w) lõikes $x = l$

- $y = 0.000; z = 0.000; u = 0.000000; v = -0.00000000; w = -0.03174603$
- $y = -0.500; z = 0.015; u = 0.000952; v = 0.00016667; w = -0.02897075$
- $y = 0.000; z = 0.015; u = 0.000952; v = -0.00000000; w = -0.03174853$
- $y = 0.500; z = 0.015; u = 0.000952; v = -0.00016667; w = -0.02897075$
- $y = -0.500; z = -0.015; u = -0.000952; v = -0.00016667; w = -0.02897075$
- $y = 0.000; z = -0.015; u = -0.000952; v = 0.00000000; w = -0.03174853$
- $y = 0.500; z = -0.015; u = -0.000952; v = 0.00016667; w = -0.02897075$

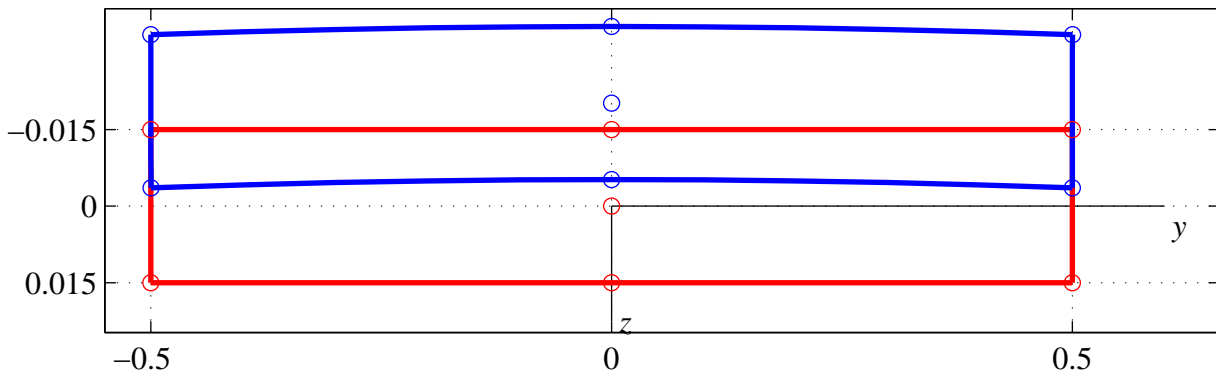
- *Plaat: pikkus $l = 1$ m; laius $2b = 1$ m; kõrgus $2a = 0.03$ m*
- *Koormus otstes $x = 0$ ja $x = l$: $M = 10$ kNm*
- *Materjal: vask; $E = 110$ GPa; $\nu = 0.32$*

NB! Maksimaalse vertikaalsiirde ja paksuse suhe on 0.67

Plaadi peatasandi x - z punktide siirded ja deformeerunud kuju



Plaadi serva $x = l$ siirded ja deformeerunud kuju



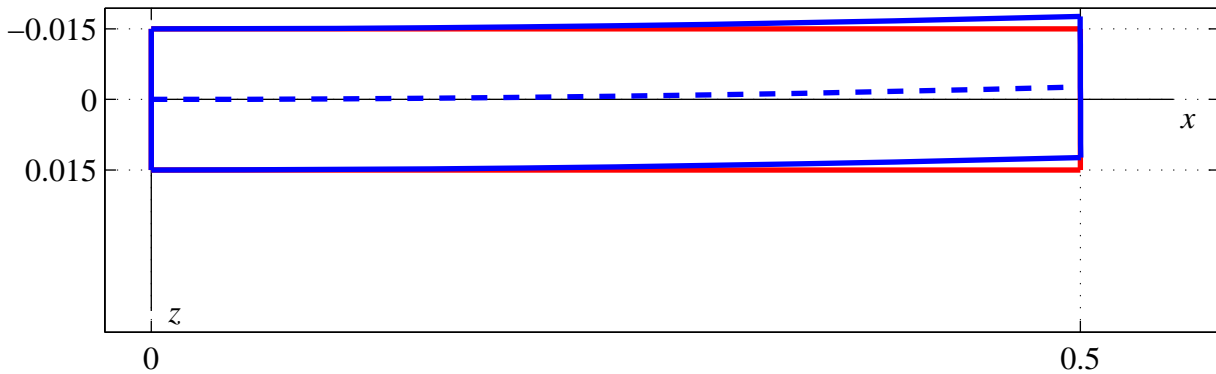
Punktide (y, z) siirded (u, v, w) lõikes $x = l$

- $y = 0.000; z = 0.000; u = 0.000000; v = -0.00000000; w = -0.02020202$
- $y = -0.500; z = 0.015; u = 0.000606; v = 0.00009697; w = -0.01858731$
- $y = 0.000; z = 0.015; u = 0.000606; v = -0.00000000; w = -0.02020347$
- $y = 0.500; z = 0.015; u = 0.000606; v = -0.00009697; w = -0.01858731$
- $y = -0.500; z = -0.015; u = -0.000606; v = -0.00009697; w = -0.01858731$
- $y = 0.000; z = -0.015; u = -0.000606; v = 0.00000000; w = -0.02020347$
- $y = 0.500; z = -0.015; u = -0.000606; v = 0.00009697; w = -0.01858731$

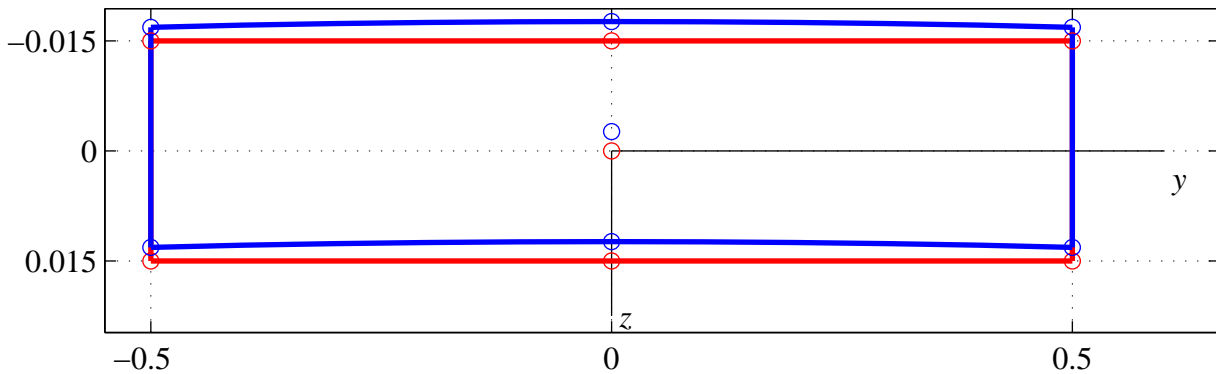
- *Plaat: pikkus $l = 0.5$ m; laius $2b = 1$ m; kõrgus $2a = 0.03$ m*
- *Koormus otstes $x = 0$ ja $x = l$: $M = 10$ kNm*
- *Materjal: teras; $E = 210$ GPa; $\nu = 0.3$*

NB! Maksimaalse vertikaalsiirde ja paksuse suhe on 0.09

Plaadi peatasandi x - z punktide siirded ja deformeerunud kuju



Plaadi serva $x = l$ siirded ja deformeerunud kuju



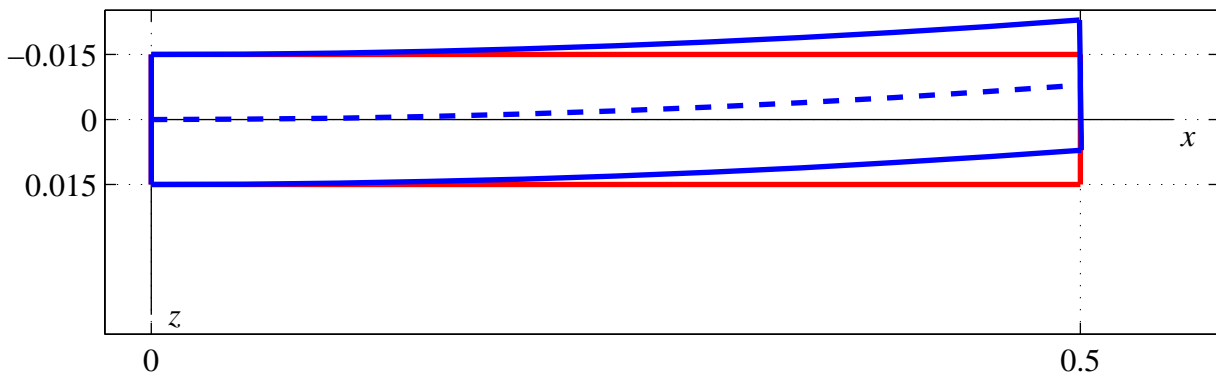
Punktide (y, z) siirded (u, v, w) lõikes $x = l$

- $y = 0.000; z = 0.000; u = 0.000000; v = -0.00000000; w = -0.00264550$
- $y = -0.500; z = 0.015; u = 0.000159; v = 0.00004762; w = -0.00185257$
- $y = 0.000; z = 0.015; u = 0.000159; v = -0.00000000; w = -0.00264622$
- $y = 0.500; z = 0.015; u = 0.000159; v = -0.00004762; w = -0.00185257$
- $y = -0.500; z = -0.015; u = -0.000159; v = -0.00004762; w = -0.00185257$
- $y = 0.000; z = -0.015; u = -0.000159; v = 0.00000000; w = -0.00264622$
- $y = 0.500; z = -0.015; u = -0.000159; v = 0.00004762; w = -0.00185257$

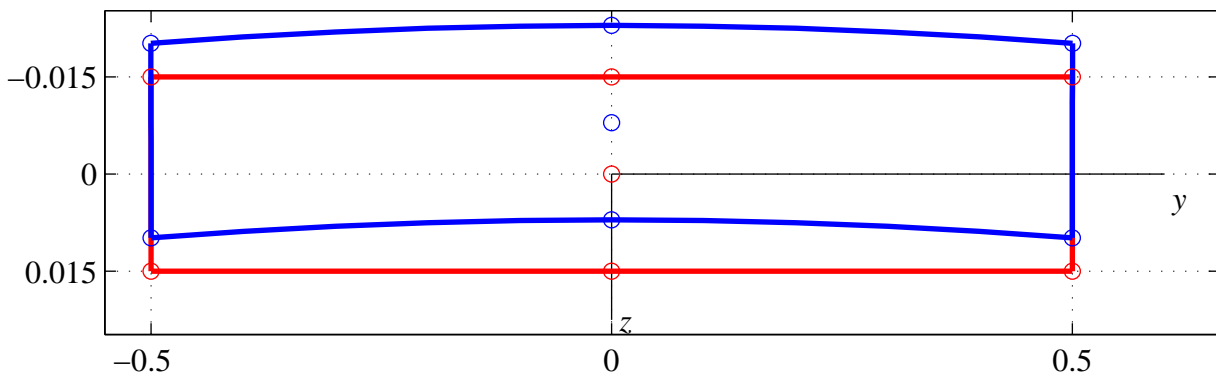
- *Plaat: pikkus $l = 0.5$ m; laius $2b = 1$ m; kõrgus $2a = 0.03$ m*
- *Koormus otstes $x = 0$ ja $x = l$: $M = 10$ kNm*
- *Materjal: alumiinium; $E = 70$ GPa; $\nu = 0.35$*

NB! Maksimaalse vertikaalsiirde ja paksuse suhe on 0.26

Plaadi peatasandi x - z punktide siirded ja deformeerunud kuju



Plaadi serva $x = l$ siirded ja deformeerunud kuju



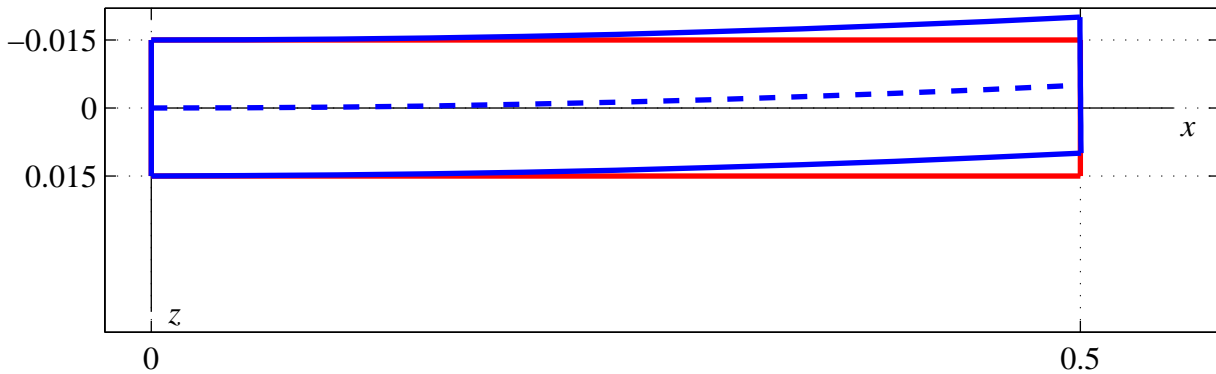
Punktide (y, z) siirded (u, v, w) lõikes $x = l$

- $y = 0.000; z = 0.000; u = 0.000000; v = -0.00000000; w = -0.00793651$
- $y = -0.500; z = 0.015; u = 0.000476; v = 0.00016667; w = -0.00516123$
- $y = 0.000; z = 0.015; u = 0.000476; v = -0.00000000; w = -0.00793901$
- $y = 0.500; z = 0.015; u = 0.000476; v = -0.00016667; w = -0.00516123$
- $y = -0.500; z = -0.015; u = -0.000476; v = -0.00016667; w = -0.00516123$
- $y = 0.000; z = -0.015; u = -0.000476; v = 0.00000000; w = -0.00793901$
- $y = 0.500; z = -0.015; u = -0.000476; v = 0.00016667; w = -0.00516123$

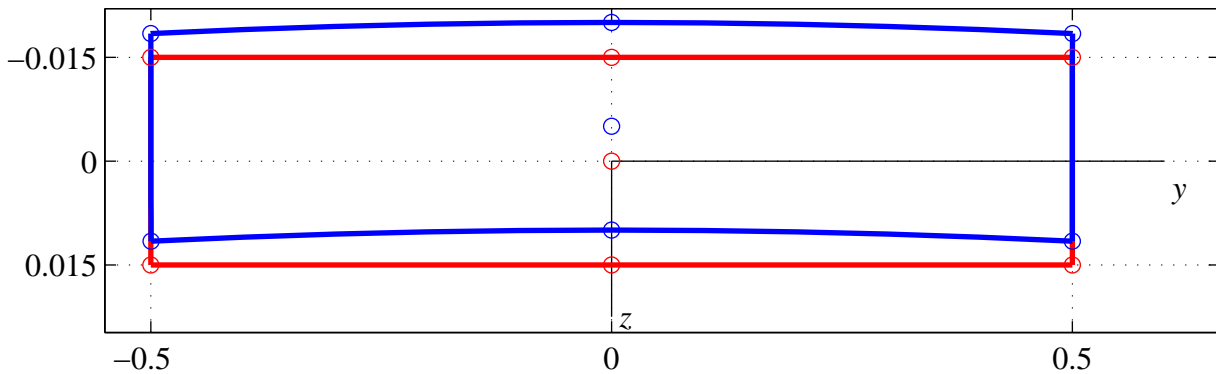
- *Plaat: pikkus $l = 0.5$ m; laius $2b = 1$ m; kõrgus $2a = 0.03$ m*
- *Koormus otstes $x = 0$ ja $x = l$: $M = 10$ kNm*
- *Materjal: vask; $E = 110$ GPa; $\nu = 0.32$*

NB! Maksimaalse vertikaalsiirde ja paksuse suhe on 0.17

Plaadi peatasandi x - z punktide siirded ja deformeerunud kuju



Plaadi serva $x = l$ siirded ja deformeerunud kuju



Punktide (y, z) siirded (u, v, w) lõikes $x = l$

- $y = 0.000; z = 0.000; u = 0.000000; v = -0.00000000; w = -0.00505051$
- $y = -0.500; z = 0.015; u = 0.000303; v = 0.00009697; w = -0.00343580$
- $y = 0.000; z = 0.015; u = 0.000303; v = -0.00000000; w = -0.00505196$
- $y = 0.500; z = 0.015; u = 0.000303; v = -0.00009697; w = -0.00343580$
- $y = -0.500; z = -0.015; u = -0.000303; v = -0.00009697; w = -0.00343580$
- $y = 0.000; z = -0.015; u = -0.000303; v = 0.00000000; w = -0.00505196$
- $y = 0.500; z = -0.015; u = -0.000303; v = 0.00009697; w = -0.00343580$