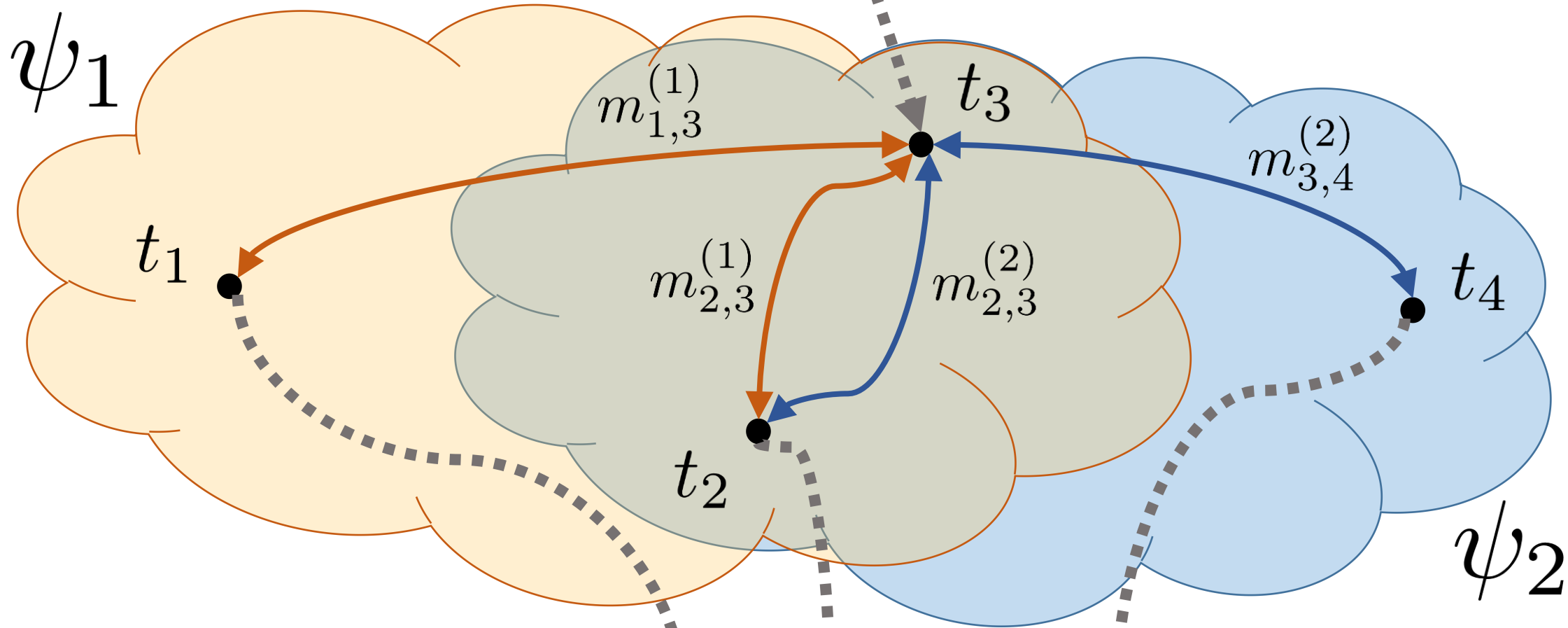


$$\mathbf{u} = [0, 0, w_3, 0]^\top$$



$$\mathbf{u}^* = [w_1, w_2, w_3, w_4]^\top$$