$$\mathcal{R}_0 = \{\mathbf{t}_0, \mathbf{t}_1, \mathbf{t}_2\}$$
  $\mathcal{R}_0 = \{\mathbf{t}_0\}$   $\mathcal{R}_0 = \{\mathbf{t}_0, \mathbf{t}_1\}$   $\mathcal{R}_1 = \{\mathbf{t}_3\}$   $\mathcal{R}_1 = \{\mathbf{t}_1, \mathbf{t}_2\}$   $\mathcal{R}_1 = \{\mathbf{t}_2\}$   $\mathcal{R}_2 = \{\mathbf{t}_3\}$  (i)