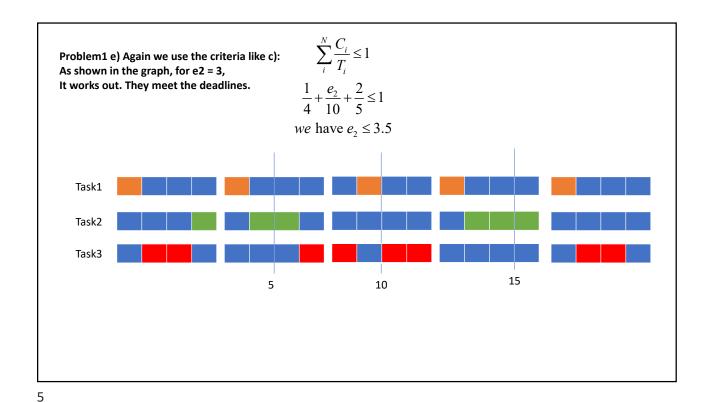


Problem1 d) For EDF, the deadlines are met and the schedule is feasible.

Task1
Task2



Problem2

$$a)\Box(\neg(T_{1, \text{ use }} \land T_{2, \text{ use }})) \equiv specA$$

$$b)\Box\Diamond(\neg T_{1, \text{ use }}) \land \Box\Diamond(\neg T_{2, \text{ use }}) \equiv specB$$

$$c)\Box(T_{1, \text{req }} \rightarrow \Diamond T_{1, \text{ use }}) \land \Box(T_{2, \text{req }} \rightarrow \Diamond T_{2, \text{ use }})$$

$$d)\Box\Diamond(\neg T_{1, \text{ req }}) \land \Box\Diamond(\neg T_{2, \text{ req }})$$

$$e)\Box(T_{1, \text{ rel }} \rightarrow (\neg T_{1, \text{ use }} \cup T_{2, \text{ use }})) \land \Box(T_{2, \text{ rel }} \rightarrow (\neg T_{2, \text{ use }} \cup T_{1, \text{ use }})) \land specA \land specB$$

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