

Johdatus stabilisuusteoriaan  
Harjoitus 11

1. Suppose  $(P, f, g)$  is a decomposition of  $\mathcal{A}$  and  $X, Y \subseteq P$  are downwards closed. Show that

$$\bigcup_{t \in X} g(t) \downarrow \bigcup_{t \in X \cap Y} g(t) \bigcup_{t \in Y} g(t)$$

2. Exercise 11.10 (iii).