Filterish Quaternary Semantics of Attack Trees

Same basic properties for each form of composition.

Filterish Quaternary Semantics of Attack Trees

Filter properties that **hold** [Horne et al.:2016]:

$$((A \rhd_F C) \odot_F (B \rhd_F D)) \leq_4 ((A \odot_F B) \rhd_F (C \odot_F D))$$

$$(A \odot_F (B \rhd_F C)) \leq_4 ((A \odot_F B) \rhd_F C)$$

Filter properties that **fail** [Horne et al.:2016]:

$$(A \rhd_F (B \odot_F C)) \leq_r (B \odot_F (A \rhd_F C))$$

$$(A \rhd_F B) \leq_4 (A \odot_F B)$$