

## ocmon\_properties<sup>13,42</sup>

$\forall g:\text{OCMon.}$

$\text{Linorder}(|g|;x,y.\uparrow(x \leq_b y))$

$\& \text{Cancel}(|g|;|g|;*)$

$\& (\forall z:|g|. \text{monot}(|g|;x,y.\uparrow(x \leq_b y);\lambda w.z * w))$