

## ALTRUISM

Let  $x$  and  $y$  be two animals and call  $P$  the set of objects at the disposal of  $x$ . (Included in  $P$  is the time  $x$  can manage.) Call  $U \subseteq P$  the subset of  $P$  that  $x$  can effectively use, and  $N \subseteq U$  the subset of utilizable objects that  $x$  needs. Then

$x$  is generous to  $y =_{df}$   $x$  lets  $y$  have some items in  $U$

$x$  sacrifices  $S$  to  $y =_{df}$   $x$  lets  $y$  have  $S \subseteq N$ .



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