

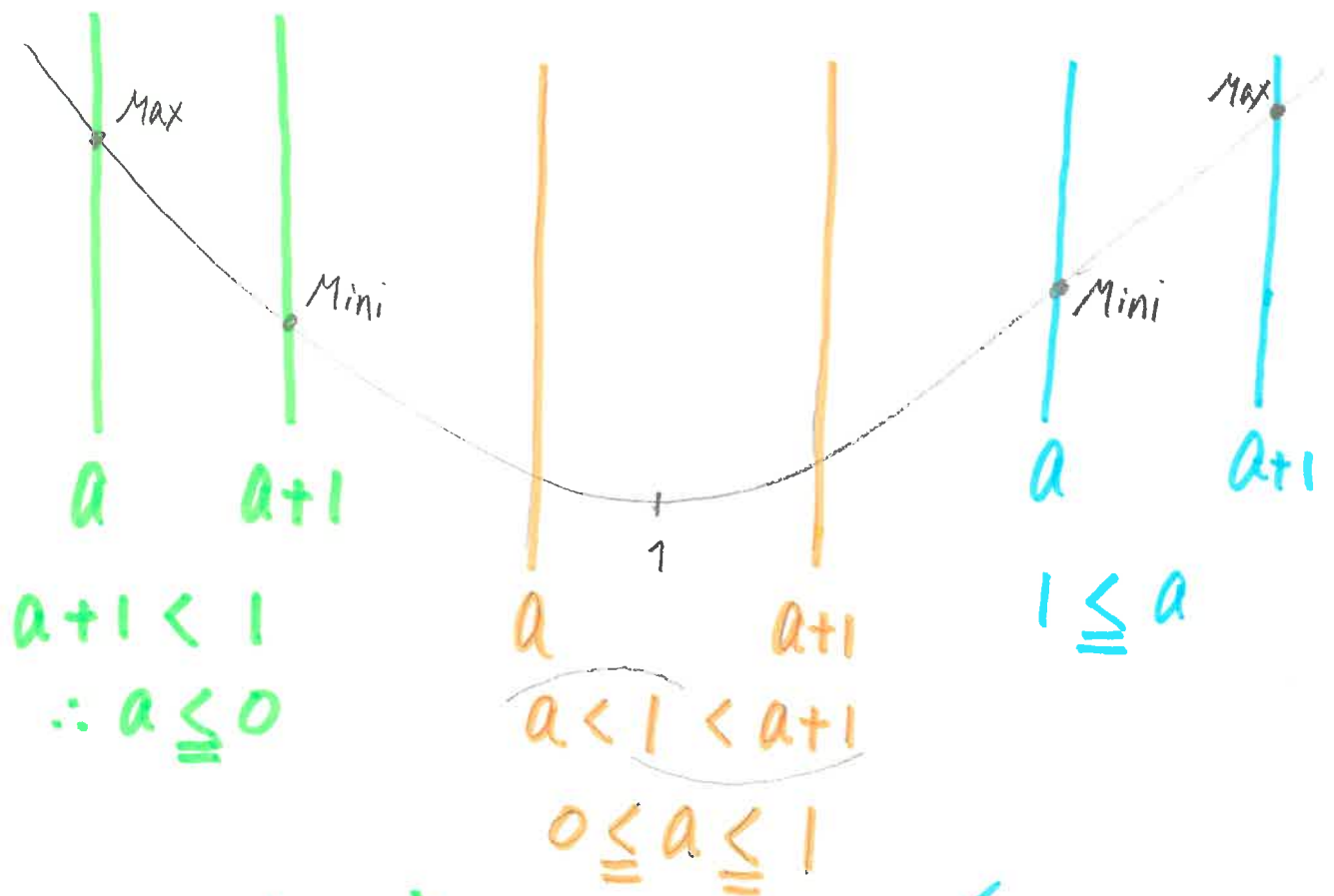
《レベル4》

$f(x) = x^2 - 2x + 2$ 範囲： $a \leq x \leq a+1$

$= (x-1)^2 + 1$

頂点 (1, 1)

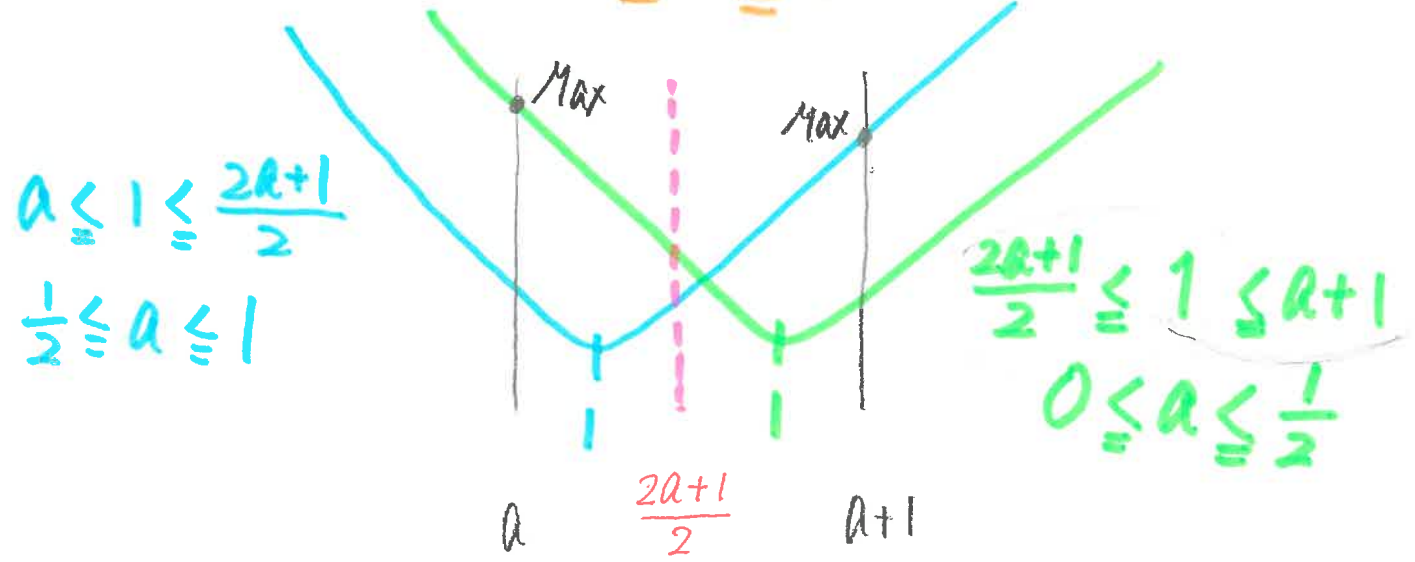
範囲	最大値	最小値
$a \leq 0$	$f(a)$	$f(a+1)$
$0 \leq a < \frac{1}{2}$	$f(a)$	頂点
$\frac{1}{2} \leq a \leq 1$	$f(a+1)$	頂点
$1 \leq a$	$f(a+1)$	$f(a)$



$a+1 < 1$
 $\therefore a \leq 0$

$a < 1 < a+1$
 $0 \leq a \leq 1$

$1 \leq a$



$a \leq 1 \leq \frac{2a+1}{2}$
 $\frac{1}{2} \leq a \leq 1$

$\frac{2a+1}{2} \leq 1 \leq a+1$
 $0 \leq a \leq \frac{1}{2}$