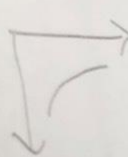
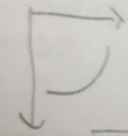
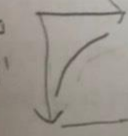
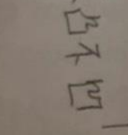
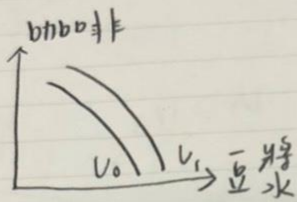


效用函数	$U_a = x^{\frac{1}{2}} y^{\frac{1}{2}}$	$U_b = x^2 + y^2$	$U_c = \ln x + y$	$U_d = 2x + y$	$U_e = x y^4$
MU <sub>x</sub> 函数	$\frac{1}{2} x^{-\frac{1}{2}} y^{\frac{1}{2}}$	$2x$	$\frac{1}{x}$	$2$	$y^4$
MU <sub>y</sub> 函数	$\frac{1}{2} x^{\frac{1}{2}} y^{-\frac{1}{2}}$	$2y$	$1$	$1$	$4xy^3$
MU <sub>x</sub> 递减	递减	递增	递减	固定	固定
MU <sub>y</sub> 递减	递增	递增	固定	固定	递增
MRS <sub>xy</sub> 函数	$\frac{\frac{1}{2} x^{-\frac{1}{2}} y^{\frac{1}{2}}}{\frac{1}{2} x^{\frac{1}{2}} y^{-\frac{1}{2}}} = \frac{y}{x}$	$\frac{y}{x}$	$\frac{1}{x}$	$2$	$\frac{1}{4} \frac{y}{x}$
MRS <sub>xy</sub> 递减	递减	递增	递减	固定	递减
无差异曲线				不凸不凹	
凸同厚集	凸同	凹同	凸同		凸同

用函數 / 11. 2.

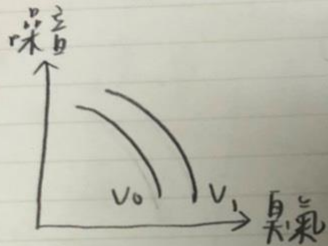
②

Ⓐ



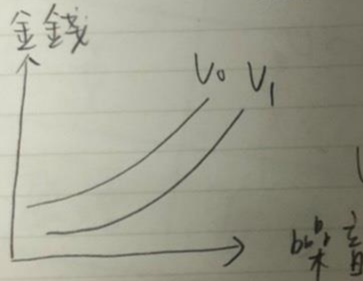
$$V_1 > V_0$$

Ⓑ



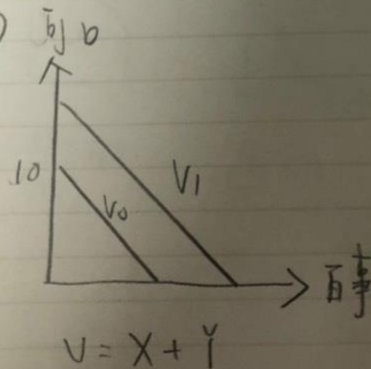
$$V_0 > V_1$$

Ⓒ



$$V_0 > V_1$$

Ⓓ



$$V_1 > V_0$$

$$Y^2 \quad U_B = X^2 + Y^2 \quad U_C = \ln X + Y \quad U_D = 2X + Y \quad \dots \quad 4$$

