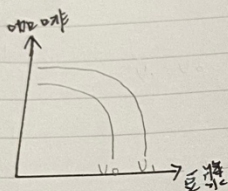


Content: 9/29 (BD ①②)

效用函数	$U_A = x^{0.5}y^{0.5}$	$U_B = x+y$	$U_C = 1+x+y$	$U_D = 2x+y$	$U_E = xy^2$
MU _x 函数	$0.5x^{-0.5}y^{0.5}$	1	$1/x$	2	y^2
MU _y 函数	$0.5x^{0.5}y^{-0.5}$	1	$1/y$	1	$2xy$
MU _x 递减?	0	X	0	固定	固定
MU _y 递减?	X (增)	X	固定	固定	X
MRS _{xy} 函数	$0.25y/x$	x/y	$1/x$	2	$0.25y/x$
MRS _{xy} 递减?	0	X	0	固定	0
无差异曲线凸向原点?	0	X (凹向)	0	不凹不凸	0

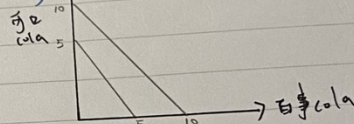
②

(A)



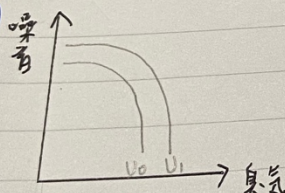
$\Rightarrow U_1 > U_0$

(D)



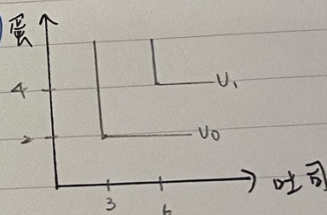
$\Rightarrow U = x + y$

(B)



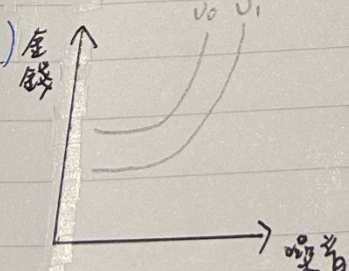
$\Rightarrow U_0 > U_1$

(E)



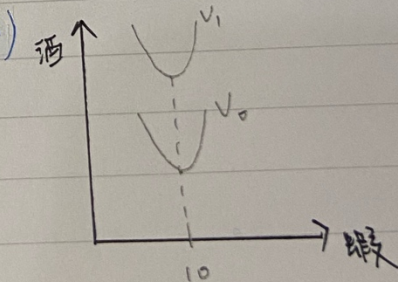
$\Rightarrow U = \min(2x, 3y)$

(C)



$\Rightarrow U_0 > U_1$

(F)



$\Rightarrow U_1 > U_0$