I．Draw carefully the hyperbolas of équations type $y=\frac{A}{x-l}+h$ by applying the changes of variables corresponding to the change of axis defined by $X=x-l$ and $Y=y-h$ with $Y=\frac{A}{X}$
－$\left(H_{1}\right) y=\frac{1}{x-3}+2$
－$\left(H_{2}\right) y=-\frac{1}{x+2}+1$

II．Draw carefully the hyperbolas（ $H$ ）of équations type $y=\frac{A}{x-l}+h$ by applying the change of variable corresponding to the change of axis defined by $X=x-L$ et $Y=y-H$ with $Y=\frac{A}{X}$
－$\left(H_{3}\right) y=\frac{4}{x-4}-2$
－$\left(H_{4}\right) y=-\frac{4}{x+4}+2$

III．Change the equation $y=\frac{a x+b}{c x+d}$ into $y=\frac{A}{x-l}+h$ then draw the corresponding Hyperbola in showing the asymptotes and the symetries．
－$\left(H_{5}\right) y=\frac{x-1}{x+3}$
Find A， $\mathrm{h}, \mathrm{l}$ to change the équation into
$y=\frac{A}{x+3}+h$
and draw the hyperbola．
－$\left(H_{6}\right) y=\frac{2 x+5}{x-2}$
Find A，h， 1 to change the équation into

$$
y=\frac{A}{x+3}+h
$$

and draw the hyperbola．

