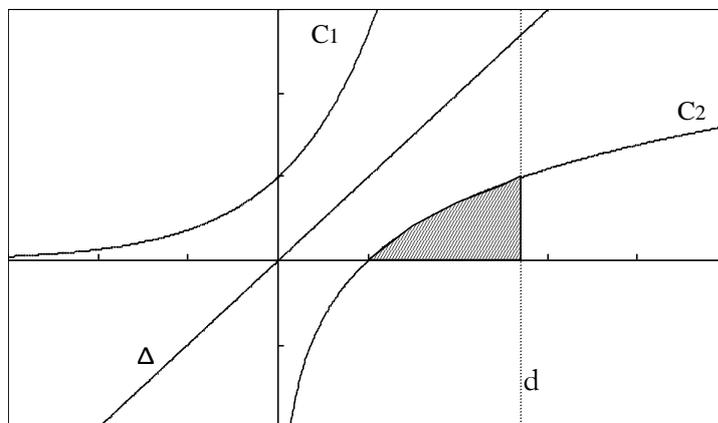


Subject 26bis

FUNCTIONS

Please do not write on this exam paper and give it back at the end of the test

Considering the following curves in an orthonormal reference system:



1. The equations of the curves and lines are: $y = x$, $y = e^x$, $y = \ln x$ and $x = e$. Give the expression of each one.
2. Which is the symmetry between the curves C_1 and C_2 ?
Illustrate the algebraic property that this geometric property shows.
3. Express by two different formulas, the hatched area, in area unit.