- 1) (ean he genera le marce) $x^2y'' + 3xy' + (1+\lambda)y = 0, x \in [1,e]$ 2y + y'| = y + ey'| = 0 $2y + y'|_{x=1} = y + ey'|_{x=e}$ $\cos co d. zwr. \lambda u co derb. pyrryen?$
- 2) Hown reparsence hyps by 5. £2,3)
 BT. (2,3), pacnonomennond Bosacon y x x².
- Pozeonows pyungue $f(x) = \frac{1 \ln x}{x} \ln [1,e]$ b pag no coolehunn pyungun 3agaru $\int x^2 y' + 3xy' + (1+x)y = 0$ $\int y'(1) = y(e) = 0$ now genus b knore