Montre que V < 001 apas 22 items verum re-7 Items. Torque N amordia $V = \frac{(y+1)(z+1)}{(y+z+2)^2(y+z+3)}$ V = difutuesas Z = sum difutor => m = mº de amastras => => M = y + 3=> 3 = m - 4V = (y+1)(m-4+1) = -(y-(-1))(y-(m+1)) $(m+2)^{2}(m+3) = (m+2)^{2}(m+3)$ V = F(u) $(m+2)^{2}(m+3)$ $f(\vec{n}) = -(\vec{n} - (-\tau)) \cdot (\vec{n} - (\omega + \tau))$ N= n/2 m+1 (10) < V < f (m/2) $(m+2)^2(m+3)$ $(m+2)^2(m+3)$ m+2)2(m+3) (m+2)2 (m+3)

(3 17) O nuimero de min que uma pussoa repera é unigarme ([0,0]) € (0) = { 0+ 0≥4 Obsuvamos $x_1 = 5$, $x_2 = 3$ e $x_3 = 8$ € (01x) x ~ € (0) fm (x10) 3 postuvori prvori x ~ Umic [[0,0]) , f(x10) = 1, x e[0,0] = tu(x) = t(x110).t(x10).t(x10) = 5 € [0.0] 3 € [0.0] X1 € [0,0] x2 € [0,0] 8 E [0.0] x3 & [0,0] E (OIX) = 1 = C S 1 = 1

(19) Supomba XI, Xm amastras cam
The second of th
$f(x \Theta) = \left\{ \Theta x , 1 > x > 0 \right\}$
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- 110 month of 6
Como o descantecido e cam dist priari Gammald, l' Determine a méd e voir a pastevoir de o.
Le servicio de 1 mer le voir la pasteriori de 0.
E(OIX) & E(O). fm(×10)
$f_{m}(x \theta) = \prod_{j=1}^{m} \theta x_{j} = \theta (\prod x_{j}) \frac{m}{\prod x_{1} = P}$
E(OIX) & O P -O D D D D D D D D D D D D D D D D D D
(d+1)-1 -BO 0-1
= 0 e P
$= \Theta \qquad e \qquad$
P P

21) x1, x2, ... xm~ exp(0) E(0) = 1,000 Posterori = ? = (0/x) & & (0) fm (x 10) f(x; 10) x 00 fm (x/0) & Toe = e.0 E(0/x) = 1 0 m e-0.5 = 0 m-1e -0.5 9/x ~ Gamma (m, 5)