Polynomes de Beinstein 1. Sot f: [0,1] -> C. Come ∀ P ∈ IR[x], If-11 ≤ [R(f-1)] + [Im[f-P)] 1 pe(f-P) |+ |Im(f-1) | ≤ 2 |f-P| alors Pm C IR [x] tout was f n: Re(1) -> Re(4) et Im(P) -- Im(P) On peut donc se restrumbre à (1 [0, 1] → 1R. 2 Dénier, calcul burt. 22(u,v) = \(\hat{\alpha}\) \(\hat{\alpha 22 = 2 (h) 2 m - m (n+1) m. 1 = (u+v) [m(n-1)u²] + unlam) 2 5 km (h) 2 v v = 2 u m (u+v) 1-1 to prend u = 2, v= 1-2 (u+v=1) => = (f) (R-ma) 2 (1-x) Linea proba (lo de Barrolli?) 3. Sit E>O. 3 < >o, V(a,y) < [o,n]2, |a-y|<< >> [(A-(y))<E Seit a E [0,1] Possos A = { R & To, D , |x - R | \ \ \ \}  $B = \{ k \in \mathbb{I}_{2n}, |n-k| > d \}$ Pm (a) = == (1) f(1) n (n-n) n





