1) begavenne inmerpensa limana. eleve inmegras extribacionmuni naungunis yrannyi lim & [916-30] Innerparon Pinara regulatmone muno I & K pyrkyii f: [0, b] → R, ecuje H € > 0, \$ 8 > 0: 4 (P=P([a,6]), gp), NPH = 8 => 17-Sp (f, gp) = 5 ge P=P([a,6])-possumme, Spff, 3p)= 5 f (g) 1xxcurresponse your Pinarie. 2, Megena no 36'eljose innerpara Il- Il ma your Emana Resan Ie, 65 - M innegrabra 6 pozymini floromone. Mendaige ra Ea, 63. Mogi & P= Pca, 6; ceruge Ep is my aquaribrouni inmegrase R-A bigneno were immegrybances bucongemore providente: Jf(x) dx = E Sf(x) dx = E f(g)(x, x,)= Sp(f, gp) Dobegenns, le san F-nephina of na ta, b I, magi 4 K = 0, n-1: F(xx+1)-F(xx)= s+(x)dx= F(fx)(xx+4-xx)=f(fx)(xx+4) = $\frac{1}{2}$ $\frac{$ 3) Debenne namynny Eurimabiens innerpher ; Turne pyri: lrup f EREQ, 61, g EREQ, 67, mo Vd, B (df) pg) . REA, 61 i S(x f + Bg)(x) dx = x S f(x) dx + B Sg(x) dx 3a grarenneme innegobner za Pinanen pyneyir; icrysoms youngi innerprimux yes $\lim_{n\to\infty} \int_{\rho} (f, \xi_p) = \int_{a}^{b} f(x) dx i \lim_{n\to\infty} \int_{\infty}^{b} (g, \xi_p) = \int_{a}^{b} g(x) dx$ Ochinsku S (af 419, gp) = dS, (f, gp) 48 (g, gp), no ienys manuers lim 5 (4-1 + 13, 4p) = d f (x) dx + 15 g (x) dx =) f+g E R 50,67 => pibriens golegene D 4) En innerpotre ga Binegran qo-gis D(x)= (1, x = a Оберень довішний відріза Еа, в.]: - 20 < a - в - + 20. Depeno gobinne possumme biggigge P=P([a,6])=dx, 11-on 6 Canagemo immerpansi cum que radquil morar 30=14, 11-0, n-14 ma op= 20, 1K=0, n-1 4, ge gr ER 1[x, x, x,], & E Ex, x,] Q Sp(f, 3,0) = E D(fc) xxx = \ 1.(xx+1-xx)=xn-xe=6-9 Sp(f, Op) = 5 0(0x) ZX 1 = 2 0-(xen-xe)=0 => He conge yearney imerganous you q-yir b(x) na gotinousury bypigey to the

