Physia W 1505.18 Ausgahe 18 1= (11\$) - 300 (2+2-2) = 3001 12= (21\$7 = 500 13 = (310) = 6051 14 = (4/0)  $P_{1} = (4/9)$   $P_{2} = (1/9)$   $P_{3} = (1/9)$   $P_{4} = (4/9)$   $P_{5} = (1/9)$   $P_{7} = (1/9)$   $P_{7} = (4/9)$   $P_{7} = (4/9$ Pr=P (1= spur {11}) = {c(1), &EC} () Rom = < n | R | m) = m < n | m = m & m = { m=n=>1 Aufgabe 19 a) 147 = E cilair => (a; 147 = = (dilair ci = E Sis G = G = 7 G = (di) (4) => 14>= Z (di 14> 1di) (b)  $\langle \psi | \psi \rangle = (\Sigma, \alpha_i | i \rangle)^{T} (\Sigma_{\alpha_i} | i \rangle) = \sum_{i=1}^{n} \langle i | i \rangle \alpha_i^{*} \alpha_i^{*}$ = Editei c) (414) = fuckit 4(x) clx = f(4(x) (x)4) clx

(mit Inlegral!)

= S(Eai(il) IX) (X) Eai(j) dx

BRUNNEN II