Пукианова Реньяа БРЗ 192. TOVAT. Контрольные рабочи по 2. 1. fl+/2 lu(084+11) 71-420 72-41 87 +1+1/2 8 2 + 1+1 - 4 Toenen betbreker. Upobepun cyus un seenon, janeen 82 to P(w)= h (Jun +1) z h (51+w+1) z h (51+w+1) - 2 h (w) They wo but 1+ wit compregenen, a but we - uses. Ther: $42 + \frac{1\pm i}{5}$, ∞ . 2. f(+12 hol (5801)), 820 f(220)2 lulg(2) e 2(in), 2(in+ luls 2017 e 2) = 2 29/1 + iAn + lulsor) 2 BIlin. Orter. (3 Win).

3. $f(7) = \frac{(7+1)^3}{57!}$ f = 0 - vorum Berthem.

Thoughour agus voum Berthemus un Cenomes,

yobegs fonely 8^2 to . $P(w) = (tv + 1)^3 \omega^{\frac{1}{2}} = 2$

F. WI? How w = = The woo - Torna bestonems 21 82 0 - toena beschemis. Thu or cope no oupynement 820 appenes ymen. here e's! hpu ornoge no organico 820. apigulia upuelistata na citta 4. f(7) = 572+1 O THE STATE OF THE f10)= 1 fl1-01-? f(1+0)-? fl+12 St+11/18-11) = 1.2^{\frac{1}{4}} = \sqrt{\sqrt{2}} f(1+0)= f(0) [1+i+0] [1-i-0] e . Mil - Mil 2 [52 Orlege | f(1-0) - f(1+0) = 52]. 8. e 19 8 2 e 19 171 - S 8 2 e 19 d 9. SC131 + 213 dz

 $\int \frac{e^{-i\frac{g}{2}} e^{i\frac{g}{2}} g}{(p+2)^{2}} = |p^{2}f|^{2} \int \frac{4idg}{6^{3}} = \frac{i 2\pi 2^{2}}{2^{3}} = \frac{i \pi}{2^{3}}.$ Orber 1 27 \$1812 (1+i8) V(1-i8) 1-0 f(+0) = 1 SI-01-? Tes f(7) -? fl-01, fl+0) · \\ \frac{1-i0}{1+i0} \\ \frac{1-i0}{1-i0} \\ \frac{1-i0}{1-i0} \\ \end{array} = 2\lambda i\lambda - 2\lambda i'\lambda z e 414'V e - 271' z e 477'V (1+ 27) V(1-it) = 20.81-0/1 +i) / 1 -i) 1-02 = 2 (-ie in e in + ie in 10-11 - e in 10-11 + ie in 10-11 + + e''' (V-1)'D + i (V-1) Ve'' + e'' V'(V-1) - i e''' (V-1)'V')2 2 + (*i [V-1)De iTIN +) 2 21 (V-1)DE iTIV 27 C-12 res fla) = (2iV/V-1)e iTD] Orbes. [21/10-11e1710]

$$\frac{\pi}{6} \cdot \frac{\pi}{8} \cdot \frac{\pi$$

f. f(7)2 £ [-1)ha/2/mil 820. R2 lin [[-1]4+1] - 1/2 lin [-1] - 1/2 1. 2 # 1-e'd
1 2 f(+12 1-e't, ff (0, Ti)-f(0)20 g(Ti)=2. 5 1-1) nel 2 % lu (7 t1) mm 2 f(2)2 2 lu(2)2. Dober: [2h(2)] 9. Jenei/(la/1-1)+172) 42 \$2 fire fre fit & 2 D - Sf. 17) 2 8 + 45/ 5/2 8/14691 δ2 271; ε res f2) 22 ±i, e±iπ. 5 res fix = 1/2 (lh'(i-1)+1) - 2ilh'4:-1)+11) + (enit 2000 tie 1) [hle") $\frac{1}{(e^{-i\pi i} + 2e^{-i\pi i} + 1e1)} \left(\frac{2\ln(e^{-i\pi i})}{-e^{-i\pi i}} \right)^{2}$ $= \frac{1}{2i} \frac{\ln(\frac{-i-1}{i-1}) \ln(\frac{-i-1}{i-1})}{\ln(\frac{-i-1}{i-1}) \ln(\frac{-i-1}{i-1})} + \frac{1}{2i\pi} + \frac{1}{2i\pi} = \frac{1}{2i\pi}$ 2 Th(2) 4 (h'(i-1)+ 71)(h'-i-1) + 71) [] 2 (1 2 kes (1 2) 2 Ti h(1)

1 + 2 2 2 2 (1 + 4 1 2) (ln'(i-1) + (i') | lln'(-i'-1) + (n') li'li-1/eTi'z ln'()- 9Ti' + Ti' + 3 inh(2) li'(-i-1) + Th' = li'(1) - 301 + 11 - = inle(1) (la'(i-1)+11')/ll'(-i-1)+11')2 (li'(2) + 417)2 (g Tily) = 2 ln (2) + FR'ln'(1) + 49 Th' e f Th'(1) z 2 h'(1) + 20 Th'(1) + 49 Th

[] = fTi' le(2) [1+47') (le 4(2) + 20 T' lent(1) + 49 T')