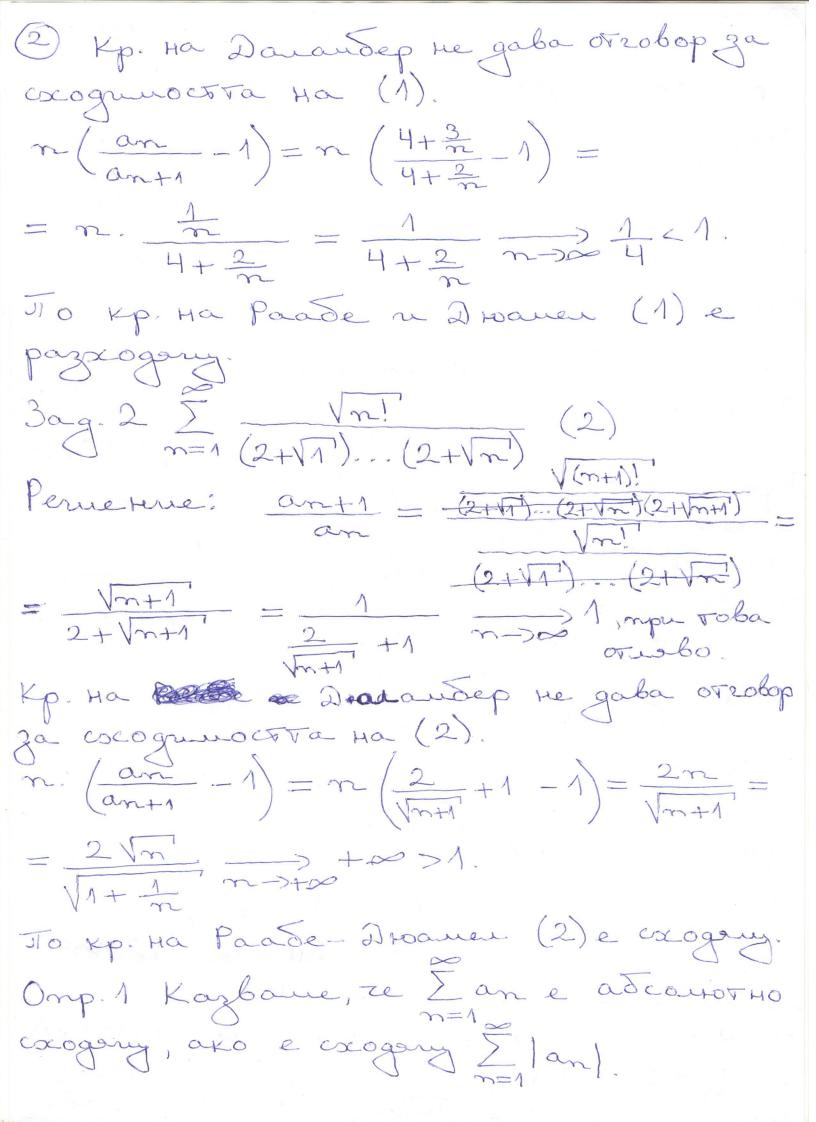
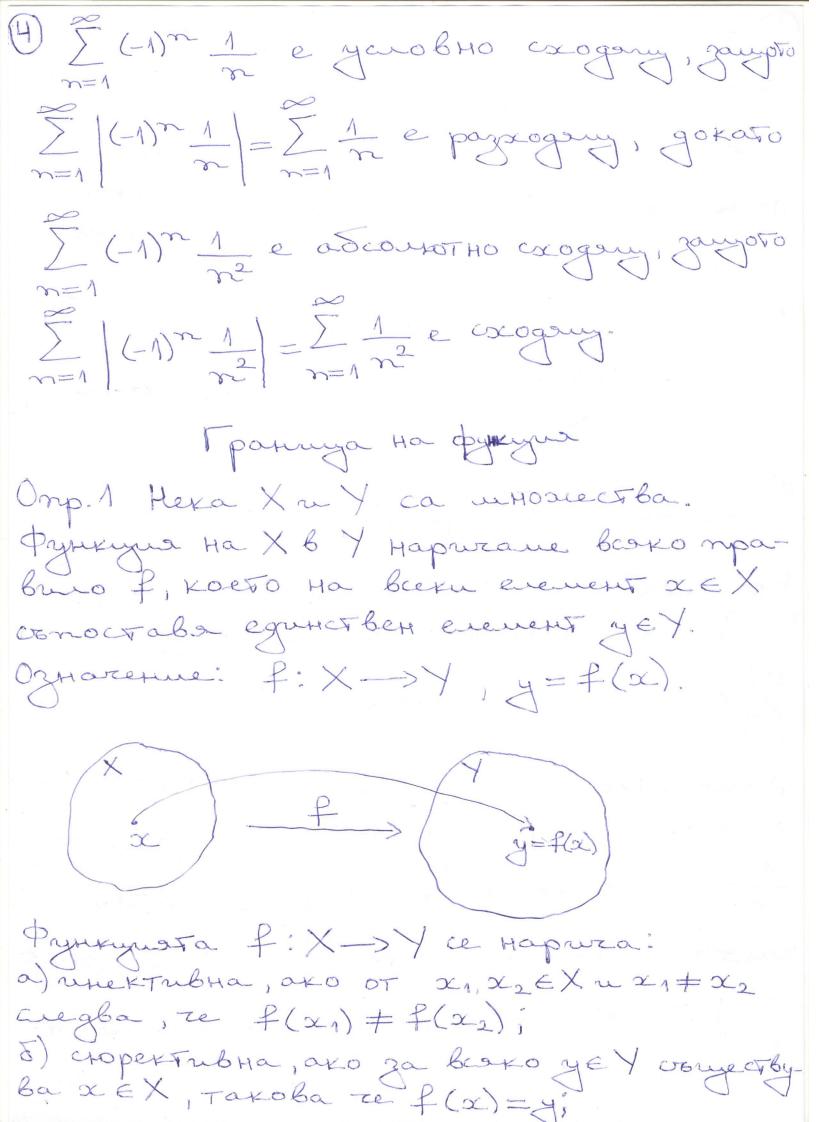
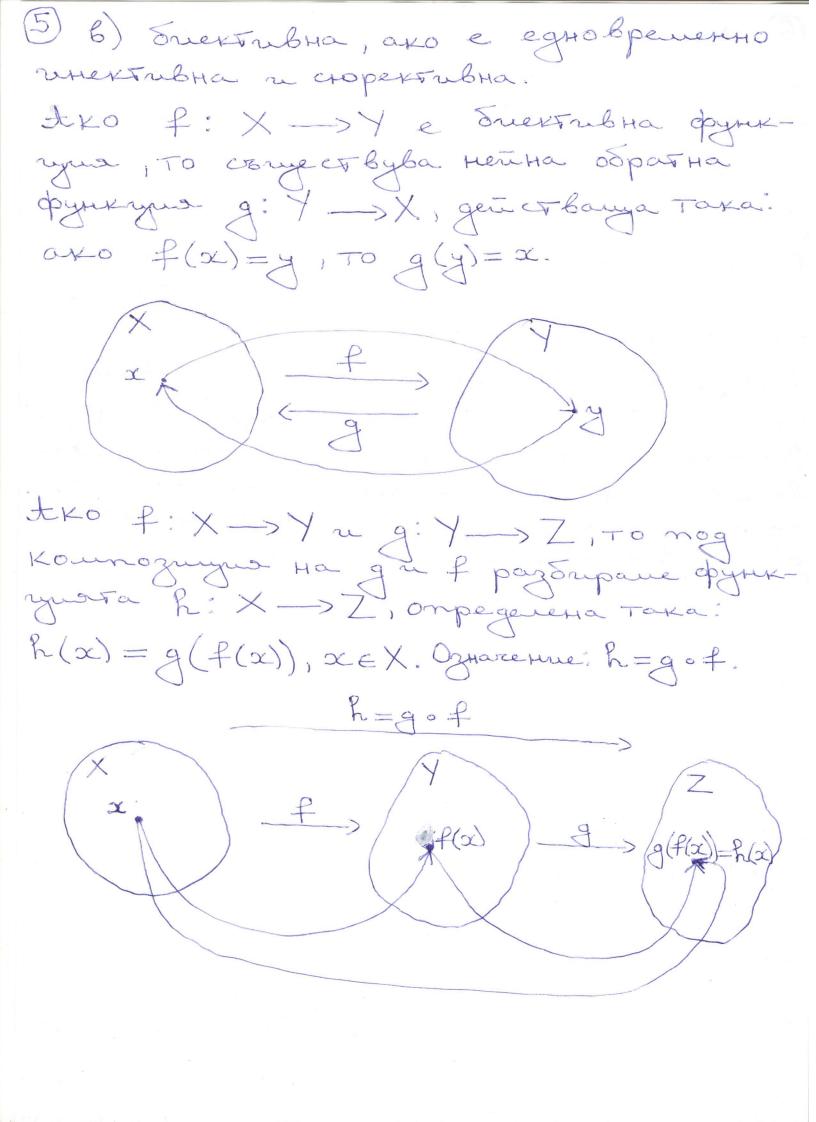
1) Impascrierue 11 za 1, 2 u 3 rpyra Kpriteprin Ha Paade ni Dioanei Hexa Zane ruard peg c novoscuter. Hu wendbe, za konto vonge et byba zpanuyata $R = \lim_{n \to \infty} \left[n \left(\frac{an}{an+1} - 1 \right) \right] \left(\text{Крайна} \right)$ run Tezkpari Ha). Toraba: 1) ako R>1, To peget & I an e escogary. 2) ako R<1, To peget 2=1 2 an e passagany Kputepust na Paade n' Droaner e no-Crucett of Kpritepus Ha Darandep, b ann-Ha no-rousuo unosiectbo ot pegobe.
Uzaregbante za exogniment pego: $3ag.1 \sum_{n=1}^{\infty} \frac{(2n-1)!!}{3.7...(4n-1)}$ 3aderesexa: To ompegenenne (2n-1)!! = 1.3.5.7...(2n-1)(2n)!! = 2.4.6.8...(2n) $=\frac{(2m+1)!!}{37} \cdot \frac{2^{m+1}}{(4m+3)} \cdot \frac{(2m-1)!!}{2^{m}} \cdot \frac{2^{m+1}}{3^{m+1}} \cdot \frac{2$ anti 3.7. (4n-1) 2(n+1)-1=2n+1u + (n+1) - 1 = 4n + 3Taka ant = 2. (2n+1) an 4n+3 - 4n+2 4n+3 = 4+2 4+3 n-002 1, mpu Toba overbo



3 Teopena 1 ± KO £ an e ascourot HO congany, To Toru e congany. Опр. 2 Казване, те Е ап е условно ехо-далу, ако е сходану, но не е абсанотно сходану. Tucioba pegobe suregoises bodxodanin ascarrotho garobho escoganya de oganya I (-1) nan e exogeny. Hampunep no kontepne Ha landrung e crogany pega $\sum (-1)^n 1$, Zangoto 1 - 10 (Krohn Kom O Hamansbanku), Kakto e exogeny re pega [(-1) n 1 2, zampto 1 10. Ho ga oбърнен внимание, че





(6) Kazassure Tezu Hari-, Hari- Baschur Herya Za notestreto "opytikujus", Zango To ga ga parsepen karbo e "rpannya" Ha opyrkyna", Tpadba mpegu boweko да знави какво е функция. Ochen Toba monstrueto "opyregne" e egno or han-baschute nonstrue la yerata ma-Tenatura. OTTYK HATATEK up pagmenegane opyrekynn or buga f: 2 -> IR, Kregero DEIR. 3a Takuba opyrkymu 6 Horacoto Ha aregbanyoto ynpascheture me kasien kakto e rpannya Ha opyrkyna, a noure me nochem gå npeaustane konkpetin sparnige.