Louakob, rp. 932121, JMP-II, 22.06. 2024 Respensiversal racins: #1 Curryuaprine obsbegersené apyrique. Синунарные гобиренные друпиции. Умо вамwiesen ocedesenous (Currynaprocum) 6 supereienner morkax lem denocular. Ch une trou beenpepakken grynwynet karabalupresentate les réparables achobiens qui le se abiensequiral perguaphones appur inchalem. Cpullepsi. 1) S-grynkynd Dupaka: S(4) = P(0), rge p-ochobical grynkynd 2) Pyranjul Xebucatiga:  $H(X) = \{0, X < 0\}$ 1,  $X \ge 0$ # 2. Onepayou Kaj dedoujennous oppnajudus: Onepayer kaj Sossyepkonen oppulgeden - dus enepayer komopore horbendrom ampount nobbe Sossijekker oppulgen iz yke izbecurren: 1) leepetepad KomSupayarl'.

Cenerals, p. 932121, 9M9-II, 22.06.2024 Jug-Sobyerene grynkyen, du 3-koncmannew. (df+B.g)(p) = df(p) +Bg (p) 2) Bambro hepewerner: f-Sobijernal grynkrul, X= y+6 (f+0)-wherehal Zewera hepewerner, Q g(y)=  $=f(\lambda y+6): g(9)=\frac{1}{111}f(\phi(\frac{x-6}{1}))$ 3) Juliancerus dedeujernus grynagus: Bobeyen crysal ompefendent was: (f.g)(\P)=f(g.9)-pourbegenne koppermino, eau hpaylesenno g. Palmenal and Hos opyricynet. Ogravo, Kanpunep, Juhoncekul gul 5-grynsjuier Dupouca le empegereto. (5.5)(9) = 5(5.90) = 5(9(0).5) = 9(0).2(5) == \$(0). Ognako, uparbegenne 8-pynkynen Duparana magrisso gryntym g (X) ompesences: (δ.9)(9)=δ(9.4)=9(0).9(0)=9(0).δ(9)-Κορρεκτικό, εαι 9.0 - οςκοβκου βργακημί

Louisko, p. 232121, JM 9-II, 22.06. 2024 Tparmercial racus.  $S(X) = \sum_{N \geq 1} \frac{\cos nX}{n^d}$ #3 (559).  $S'(X) = -\sum_{n \geq 1} \frac{SinnX}{n}$  $S''(X) = -\frac{2}{N^{2}N} \cos (NX) = -\frac{2}{2} e^{-\frac{1}{2}NX} = -\frac{2}{2} e$  $=-2\pi\left(\sum_{n=-P}^{\infty}\delta(x-2\pi n)+\frac{1}{2\pi}\right)$  $\int_{0}^{\infty} (x) = 1, x \in (0, 2\pi)$   $\int_{0}^{\infty} (x) = 5(2\pi) = 5(2\pi) = \frac{1}{2}$  $S(X) = C_1 X + C_2 + \frac{1}{2} X^2$  $S(0) = C_2 = \frac{\pi^2}{6}$  $S(2\pi) = C_1 2\pi + \frac{\pi}{6}$  $C_1 = -\frac{\pi}{12}$   $S(X) = -\frac{\pi}{12}X + \frac{\pi^2}{6} - \text{outbern}.$