Sec +5 f(2) = a + & an Cosnx+ Ebn Sin nx $a_0 = \frac{1}{\pi} \int_{-\pi}^{\pi} f(x) dx = \frac{1}{\pi} \left[\int_{-\pi}^{\pi / 2} (-1) dx + \int_{-\pi / 2}^{\pi / 2} (1) dn \right]$ $=\frac{1}{11}\left\{-\frac{17}{2}+17\right\}+\left(77-\frac{57}{2}\right)$ an= If fin Cos nnda = 1 [- 17/2 - Coshndr+ [T Coshndr] > - [- [Sinny] + [8innx]"]

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