Chasswork 17, CAH, FA24, OPE 381, Instructure Rahul Blockani?

Date: 10 | 23 | 2024, Name of the student:

Q. 4 Signal Alt) is Sampled with no aliasing using an ideal camples. The spectrum is given below:

XSCR) Condition for no otherising an othering for no othering and ideal camples. The spectrum is fiven below:

The spectrum is given below:

The spectrum is fiven below:

The spectrum is spectrum is spectrum is spectrum.

The spectrum is spectrum is spectrum is spectrum is spectrum is spectrum is spectrum.

Determine the signal x1t1.

Hint () Spectourn  $\chi(\Omega) = \sigma(\Omega + \Pi) - 2\sigma(\Omega) + \sigma(\Omega - \Pi)$   $e^{x}e^{y}ze^{x}vy$  () Apply duality property to first deformine  $e^{x}e^{y}ze^{x}vyy$  () the Fourier totals from f a similar time -domain signal. (5 points)