Definition S(F)=0 + +0 f s(t) dt = 1 The Fouriers bransform of 9(t) is

The Fouriers g(t) e-jert that $a(t) = \int g(t) e^{-j2\pi t} dt$ 3. Forthe Fourier Krawform pair $g(t) \stackrel{\mathcal{J}}{ } \alpha(t),$ gitte) and and ejanto $a(t) \stackrel{\text{def}}{=} g^{(-k)}$

Problem: S(t) = 7]

2. ejantit = 7]

3. Corantet = 7]