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Chapter 1 Solutions to Exercises - Computer Action Team

As K and W go. to ? we obtain: $2\pi f(t)d=c] \sin[2\pi f(r(t)d=c] 2d_j r(t) + 2[d_j r(t)]\cos[2\pi f(t)r(t)=c] r(t)[2d_j r(t)]$ (2.1) where we applied the identity.

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For the example here, there is a phase reversal at the reflector so we take $\theta_1 = 0$ and $\theta_2 = \pi$. Tse and Viswanath: Fundamentals of Wireless Communication 33 Since the channel (2.14) is linear, it can be described by the response $h(\tau, t)$ at time t to an impulse transmitted at time τ .

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