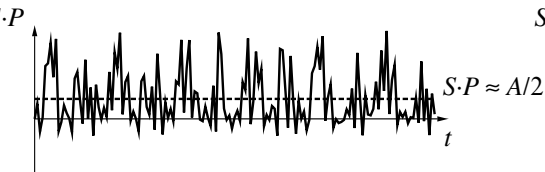
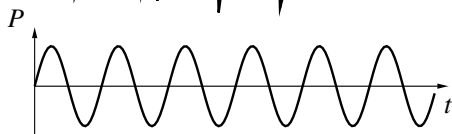
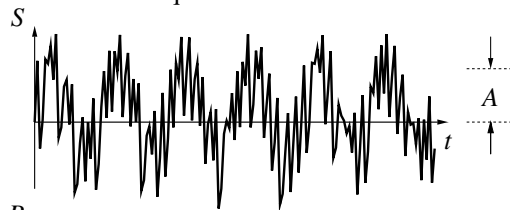
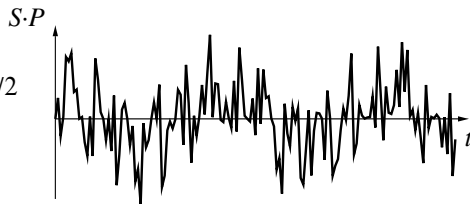
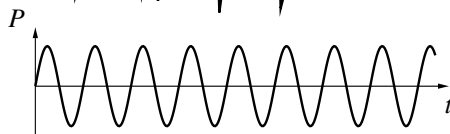
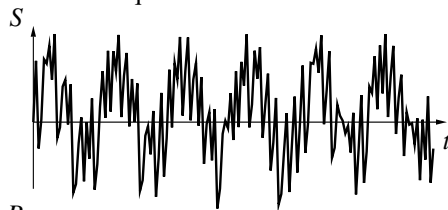


frequencies match



average value $\approx A/2$

frequencies do not match



average value ≈ 0

original
signal

test
probe

their
product