In Razavi's book <RF microelectronics>(second edition), it says " For a sinusoidal input voltage with an rms value of Vin, the power delivered to the input port is equal to $Vin^2/Re[Zin]$"

My question is : if the input impedance of the port is Zin=A+jB, Re[Zin]=A, then the power delivered to the input port is $\frac{V_{in}^2}{A+jB}=\frac{AV_{in}^2}{A^2+B^2}-j\frac{BV_{in}^2}{A^2+B^2}$, since inductors and capacitors does not consume power, the power delivered to the input port is $\frac{AV_{in}^2}{A^2+B^2}$.

But as in the Razavi's book, the power delivered to the input port is $\frac{V_{in}^2}{\mathrm{Re}[Zin]}=\frac{V_{in}^2}{A}$.

Which one is correct?