Metal	n	k	$\frac{k}{n}$	$\varepsilon = \varepsilon_r + \varepsilon_i$	$\frac{\varepsilon_r}{\varepsilon_i}$
Au	0.16172	3.2118	19.86	-10.29 + 1.0388i	-9.905
Ag	0.27	4.18	15.481	-17.399 + 2.2572i	-7.7084
Cu	0.27	3.24	12	-10.425 + 1.7496i	-5.9583
Al	1.304	7.479	5.7354	-54.235 + 19.505i	-2.7805
Na	0.049	2.76	56.327	-7.6152 + 0.27048i	-28.154
In	1.05	6	5.7143	-34.898 + 12.6i	-2.7696
Pd	1.75	4.18	2.3886	-14.41 + 14.63i	-0.98496
Pt	2.3	4.07	1.7696	-11.275 + 18.722i	-0.60223

Table 2.1: Optical properties of metals at 632.8nm wavelength.

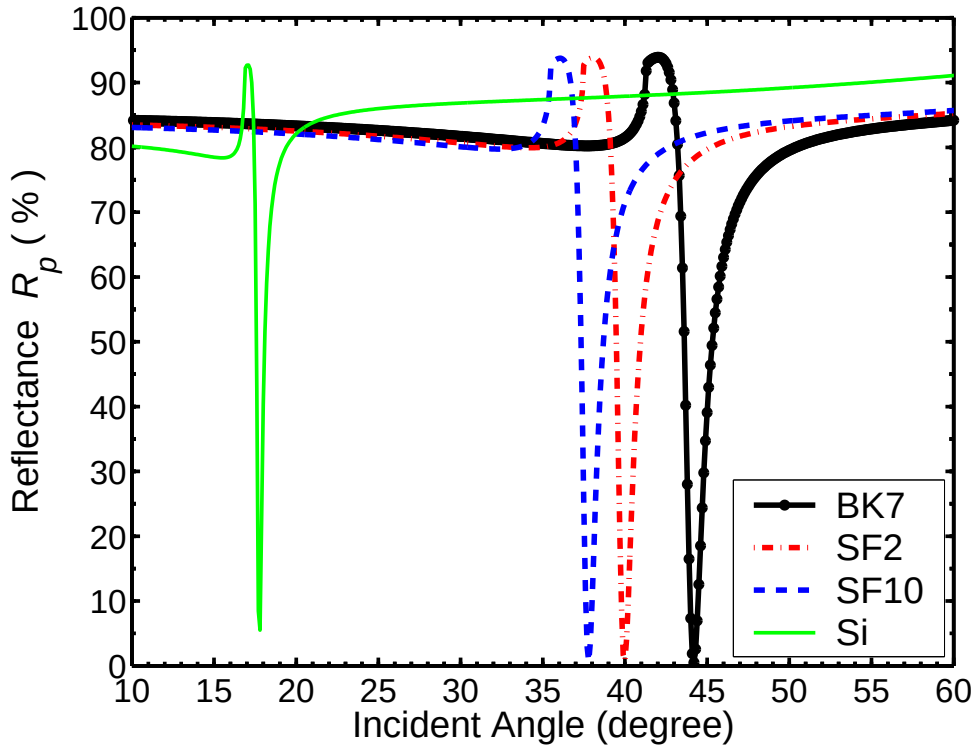


Figure 2.2: Reflectance of p-polarized light in the Kretschmann SPR configuration with |prism|Au(50nm)|air|: dependence on the material of prism.