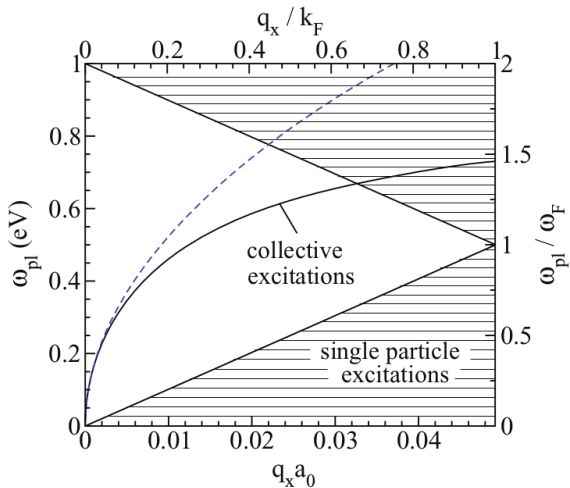


P#6: Aproksimacija slučajnih faza  
Fizika čvrstog stanja 2

predavanja 2022

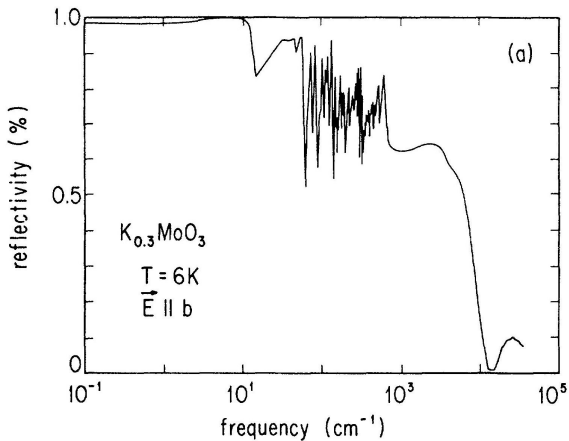
## # 6.10 Gušenje plazmona u grafenu

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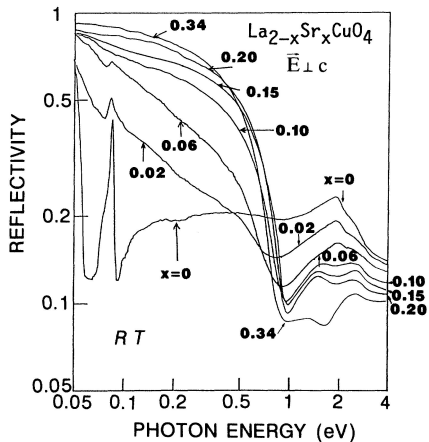


# 6.10 Koeficijent refleksije (plava bronca - sustav s uređenjem CDW tipa)

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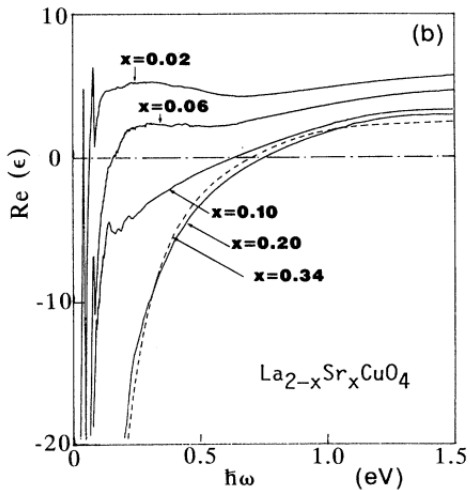


## # 6.10 Koeficijent refleksije (visokotemperaturni supravodič)



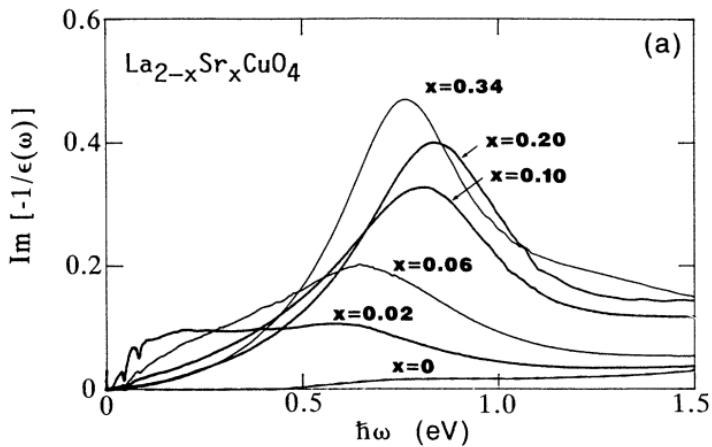
Preračunata funkcija  $\varepsilon_1(\omega, q)$

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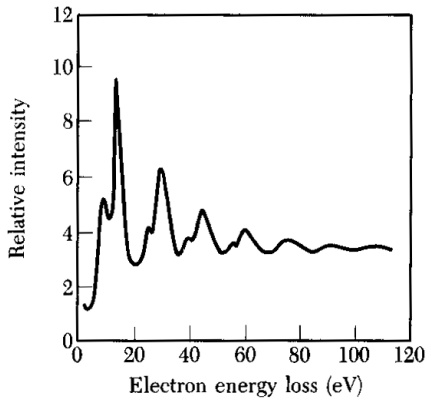
Preračunata energy-loss funkcija

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## Mjerenje energy-loss funkcije u Al

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# Literatura

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- 1) Ziman, *Principles of the Theory of Solids*, §§ 5.1 - 5.4, 5.7
- 2) Kittel, *Introduction to Solid State Physics*, §§ 10.1 - 10.2
- 3) Kupčić, *Zbirka zadataka*, Pog. 5
- 4) Šunjić, *Kvantna fizika mnoštva čestica*, Pog. 8