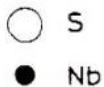
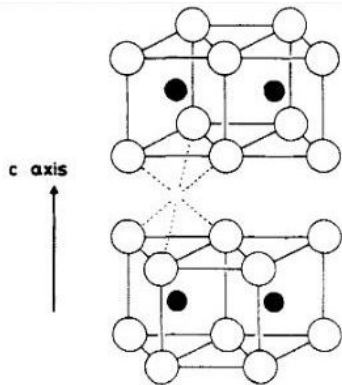


Sinteza niobij disulfida i interkalacija niklom

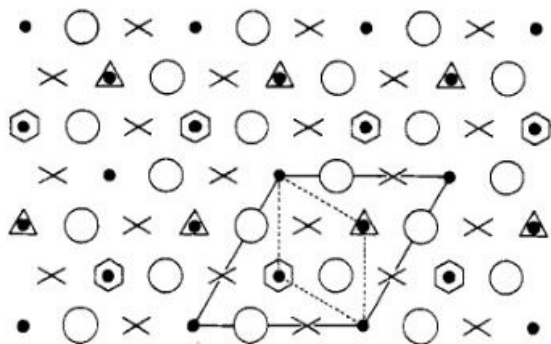
Augustin Orešković
Mentor: doc. Mario Novak

24. siječnja 2019.

Struktura NiNb_3S_6



Struktura NiNb_3S_6



○ S, $z \sim 1/8, 7/8$ × S, $z \sim 3/8, 5/8$

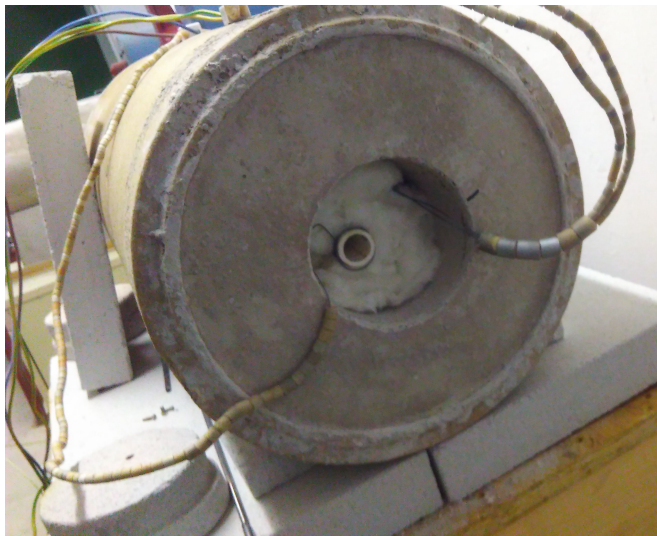
● Nb, $z \sim 0, 1/2$

⬡ T, $z \sim 1/4$ △ T, $z \sim 3/4$

Peć



Peć



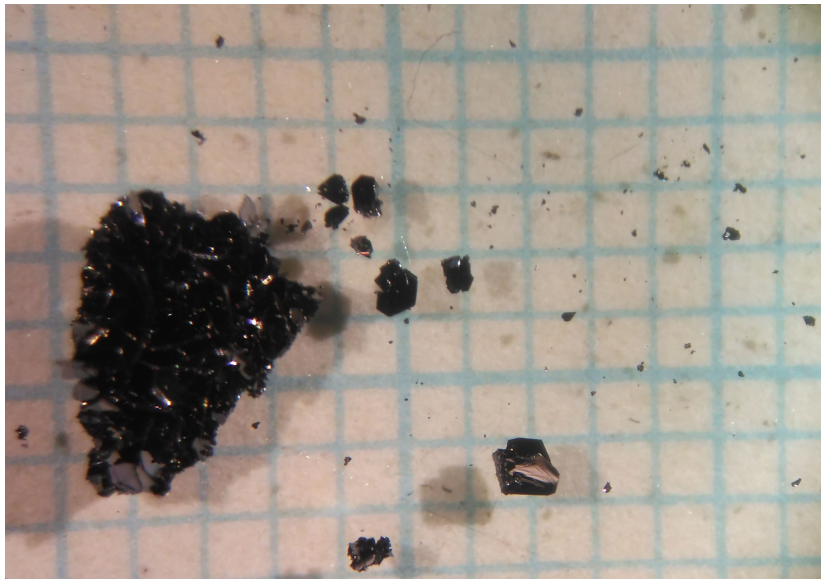
Kontrolno sklopovlje



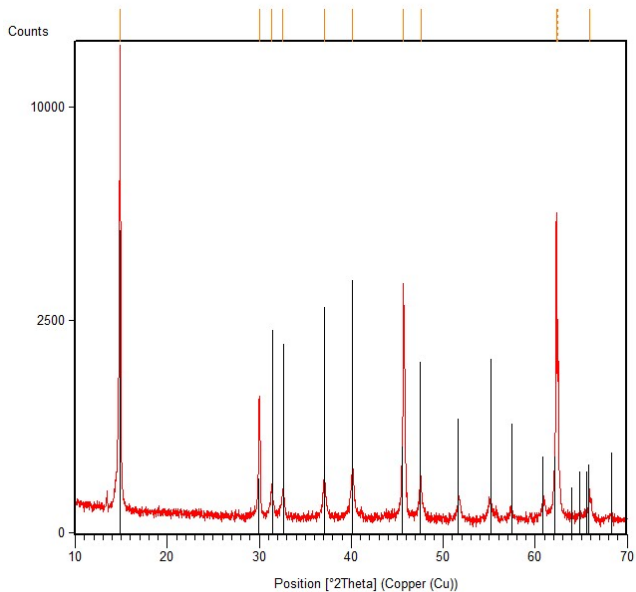
Uzorak NbS₂



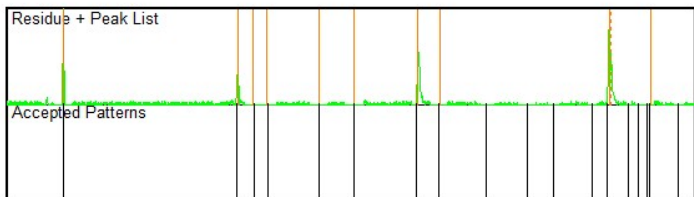
Uzorak NiNb_3S_6



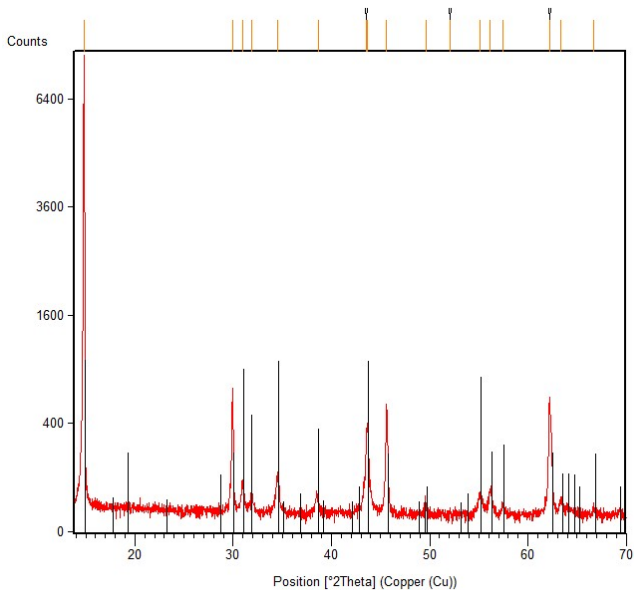
Spektar NbS₂



Spektar NbS₂



Spektar NiNb_3S_6



Spektar NiNb_3S_6

