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Crystal Growth and Electrical Transport Properties of Low Dimensional Nb-Se Superconducting Phases CEDOMIR PETROVIC, Condensed Matter Physics, Brookhaven National Laboratory, Upton NY 11973, RONGWEI HU, Physics Department, Brown University, Providence RI 02912, VESNA MITROVIC, Physics Department Brown University Providence RI 02912 — Single crystals of $NbSe_2$ and Nb_2Se_3 have been grown by molten metallic flux technique. Powder x-ray diffraction confirms phase purity. Superconducting transitions have been observed for both materials. Electronic transport properties and comparison with samples made with conventional chemical vapor transport method will be discussed.

Cedomir Petrovic
Condensed Matter Physics, Brookhaven National Laboratory, Upton NY 11973

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