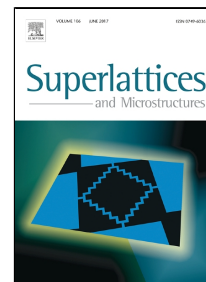


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Determination of neutron scattering potential of the thin multilayered film with gadolinium reference layer



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- A phase recovering method with Gd reference layer is proposed for neutron reflectometry.
- Three experiments with different neutron wavelengths are necessary to use the method.
- The use of magnetic field is not necessary.
- A possibility to recover the neutron scattering potential using this method is showed.

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