

## C O N T E N T S

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2: Ch. Kleint, R. Męclewski, R. Błaszczyzyn:

Single face spectral density functions of field  
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5: K. S. Bobev, G. D. Georgiev:

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8: R. Hrach., Z. Hubička:

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9: H. Biederman:

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- 10: I. Emmer:  
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- 11: H. Jahrreiss, W. Oppel:  
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- 12: F. Tesař, L. Eckertová:  
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- 15: D. Fintelmann, W. Töpel:  
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- 17: E. T. Kucherenko, E. V. Zykova:  
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- 18: J. Stöckel, K. Jakubka:  
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5: V. Drahoš, A. Delong, V. Kolařík, M. Lenc:

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6: A. Delong, V. Drahoš, V. Kolařík, M. Lenc:

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4: J. Fridrich, K. Starosta:

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5: J. Hamerský:

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- 10: G. Vágó, P. Glaser, A. Herman:  
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- 2: P. P. Lutsichin, O. A. Panchenko, Yu. G.  
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- 3: L. Eckertová, J. Boček:  
The mean free path of low energy electrons  
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- 4: M. Boháček, E. Frýba, F. Knol, V. Rosická:  
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- 5: S. Koc, J. Zemek, M. Závétová:  
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- 6: J. Zemek, S. Koc:  
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Some remarks on the structure and electrical properties of Au-SiO<sub>x</sub> cermet and of  $\beta$ -Ta resistive films

12: Š. Beňačka, L. Václavíková:

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13: M. Pospíšil:

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14: J. Sitek, K. Voleník:

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15: J. Walachová:

Comments on line shape in tunneling spectroscopy induced by impurity local-mode; application to measurements on In-SiO<sub>2</sub> - degenerated pSi junction

16: R. Autrata, O. Vaněk:

DC - electroluminiscence in thin films of ZnS

II. c) 1: V. I. Pokalyakin, G. V. Stepanov:

The investigation of pressure sensitivity of silicon-gold diodes

2: Academy of Sciences, Moscow:

Quantum size effect - a possible aspect of practical applications

- ) 3: O. Csabay:  
Influence of surface treatment of silicon on the effective impurity charge density in surface states of MOS structures
- 4: M. Pawłowska, E. Sadłowska:  
Semiconductor elements junction and surface layers examination
- 5: I. Adamčík, J. Schröfel:  
Control of semiconductor-insulator interface characteristics in the MIS system
- 6: J. Jerhot, V. Šnejdar, D. Berková:  
Influence of carrier scattering mechanism on transconductance and distortion of CdSe thin-film transistor
- 7: I. Hüttel:  
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- 8: V. Dúbravcová, M. Jergel:  
Micromachining of superconducting  $Nb_3Sn$  thin films by electron-beam microetching
- 9: E. Sumbalová, Š. Luby, V. Szobi:  
Triming of tantalum thin film resistors through anodic oxidation with solid anodization probe
- 10: J. Badal:  
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- 11: V. Heřmanský:  
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- 12: M. Rejmánek:  
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### Section III. Vacuum Physics

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3: P. Řepa:

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2: N. Drandarov, V. Kanev:

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4: L. Pátý:

On the trapping of gases by water condensate

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- I. a) 21: A. N. Arsenjeva - Geil, N. G. Chernikov:  
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- II. b) 17: F. Lukeš, K. Navrátil, I. Ohlídal, I. Sommer,  
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