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Publications, Abstracts, and Other Work < Electrostatics >

1. Oleg D. Jefimenko and David K. Walker, **Electrets**, The Physics Teacher, vol 18, pp. 651-659 (1980).
2. Oleg Jefimenko and David K. Walker, **Electrostatic Current Generator Having a Disk Electret as an Active Element**, IEEE Transactions on Industry Applications, IA-14, p. 537-540 (1978).
3. Oleg Jefimenko and David K. Walker, **Electrostatic Current-Generator Having a Disk Electret as Active Element**, IEEE Conference Record - Industry Applications Society, p. 963-966, (1974).
4. David A. Lemley and David K. Walker, **Construction of an Electrostatic Corona Motor as an Undergraduate Research Project**, W PA Am. Assoc. Physics Teachers Meeting, Butler, PA, April 1974, in AAPT Announcer, vol 4, p. 21 (1974) [abstract].
5. David K. Walker and Oleg Jefimenko, **Volume Charge Distribution in Carnuba Wax Electrets**, J. Applied Physics, vol. 44, p. 3459-3464 (1973).
6. Oleg Jefimenko and David K. Walker, **Electret Electrometers**, Proc. W.Va. Acad. Sci., vol. 45, p. 220-227 (1973).
7. David K. Walker and Oleg Jefimenko, **A Technique For Measuring Real Volume Charges in Wax Electrets**, Symposium on Electrets, Charge Storage, and Transport in Dielectrics, The Electrochemical Society, Chicago, Ill., p. 455-461 (1973).
8. David K. Walker and Oleg Jefimenko, **Volume Charges in Carnuba Wax Electrets**, APS Meeting, Washington, DC, April 1972, in Bull. Am; Phys. Soc., vol 17, p. 497 (1972) [abstract].
9. David K. Walker, **Surface and Volume Charge Distributions in Carnuba Wax Electrets**, Ph.D. Dissertation, West Virginia U (1971).
10. Oleg Jefimenko and David K. Walker, **Induced Reversal of Electrets**, Applied Physics Letters, vol. 18, p. 52 (1971).
11. Oleg Jefimenko and David K. Walker, **Electrostatic Motors**, The Physics Teacher, vol. 9, p. 121-129 (1971).
12. Oleg Jefimenko and David K. Walker, **Electret Electrometers and Motors Utilizing a Slot Effect**, IEEE International Conference on Dielectric Materials, Measurements, and Applications, U of Lancaster,

- England, IEEE Conf. Pub No. 67, p. 146-149 (1970).
13. Oleg Jefimenko and David K. Walker, **Dependence of Electret Charge on Shielding Conditions**, APS Meeting, Washington, DC, April 1970, in Bull. Am. Phys. Soc., vol. 15, p. 606 (1970) [abstract].
 14. Oleg Jefimenko and David K. Walker, **Dependence of Electret Charge on Shielding Conditions**, Proc. W.Va. Acad. Sci., vol. 41, p. 264-268 (1969).
 15. Oleg Jefimenko and David K. Walker, **Charge Distribution in Carnauba Wax Electrets**, APS Meeting, Washington, DC, April 1969, in Bull. Am. Phys. Soc., vol. 14, p. 634 (1969) [abstract].
 16. David K. Walker and Oleg Jefimenko, **Electrostatic Force in Electret Devices**, APS Meeting, Washington, DC, April 1968, in Bull. Am. Phys. Soc., vol. 13, p. 618 (1968) [abstract].
 17. David K. Walker and Oleg Jefimenko, **Time Dependence and External Field of Electrets**, APS Winter Meeting, Chicago, IL, Dec 1968, in Bull. Am. Phys. Soc., vol 13, p. 128 (1968) [abstract].
 18. Oleg Jefimenko and David K. Walker, **Force Measurements on Electrets**, Proc. W.Va. Acad. Sci., vol. 40, p. 338-344 (1968).
 19. David K. Walker, **Electrostatic Force in Electret Devices**, Masters Thesis, West Virginia U. (1968).
 20. Oleg Jefimenko and David K. Walker, **External Field and Stability of Carnauba Wax Electrets**, Proc. W.Va. Acad. Sci., vol. 39, p. 392-394 (1967).

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