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Applied Mathematics in Ferroelectricity and Piezoelectricity

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This textbook “Applied Mathematics in Ferroelectricity and Piezoelectricity” was authored to provide the reader solid mathematical background for studying “ferroelectricity and piezoelectricity”, as a supplemental reference to my three course books; “Ferroelectric Devices 2nd Edition (2010)”, “Micromechatronics 2nd Edition (2019)”, and “FEM and Micromechatronics with ATILA Software (2008)”, all published from CRC Press. “Physics” prefers “simplicity”; converting a complicated phenomenon expressed by a function.

Keywords

ferroelectrics; piezoelectricity; phenomenology; applied mathematics

