Preface

The Electronics Division Meeting of the Ceramic Society of Japan has been held annually in Japan since 1981. Last time the meeting was in conjunction with the 6th Asian Meeting on Electroceramics (AMEC-6), and this time it came back to the regular pattern. This volume “Electroceramics in Japan XIII” is the Proceedings of the 29th Electronics Division Meeting held on October 23 and 24, 2009, at Morito Memorial Hall, Tokyo University of Science, Tokyo, Japan. More than 130 researchers, engineers, and students participated to discuss and exchange information concerning the latest developments in science and technology of electroceramics.

During this meeting, 29 and 40 papers were presented in the oral and the poster session, respectively. The major topics covered by this meeting include dielectrics, piezoelectrics, ferroelectrics, semiconductors, magnetic ceramics, sensors, secondary batteries, solid oxide fuel cells, dye-sensitized solar cells, photocatalysts, and phosphors. The microstructure of materials varied between single crystals, bulk ceramics, thin films, and nanocrystals. All papers collected in this book were reviewed and accepted by the Organizing Committee.

We are extremely grateful to contributors for their support before, during, and after the meeting. We would like to thank all the authors and reviewers for their efforts to make this book a quite excellent collection of achievements of researches in all the fields of electroceramics in Japan. It is our sincere wish and hope that readers will find papers in this volume informative and helpful for their research activities as well as their educational endeavors.

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Suspense, holding the reader or the listener in tense anticipation, is often realized through the separation of predicate from subject or from predicative, by the deliberate introduction between them of a phrase, clause or sentence (frequently parenthetic). The function and impact of repetition depends upon the position occupied by the repeated unit. The morning after Japan was struck by the most powerful earthquake to hit the island nation in recorded history and the tsunami it unleashed -- and even as the earth continued to twitch with aftershocks -- the disaster's massive impact was only beginning to be revealed. Rescue efforts began with the first light as military helicopters plucked survivors from roofs and carried them to safety. "The earth shook with such ferocity," said Andy Clark, who said he had gotten used to earthquakes during his 20 years in Japan but never experienced what he felt Friday at the airport outside Tokyo. "I thought things were coming to an end it was simply terrifying." Buildings shook, heaved and collapsed by the score, and numerous fires ignited. How to use sincere in a sentence. Example sentences with the word sincere. sincere example sentences. But when she heard of Prince Andrew's presence in their house, despite her sincere pity for him and for Natasha, she was seized by a joyful and superstitious feeling that God did not intend her to be separated from Nicholas. It is my sincere hope that a speedy resumption of inspections will help facilitate the resolution of all outstanding issues. "Emails now be like: I hope you are staying safe, sheltered in place, stocked with toilet paper, and healthy during these absolutely unprecedented, wild, chaotic, terrifying times. Just wanted to follow up," tweeted a Yale law student, in a tweet that has more than 200,000 likes. You might even feel like you're doing something wrong if you don't include these acknowledgements. "It's so much more emphatic than it was in previous times. That doesn't mean it's necessarily more genuine, but it does seem darker now, a little bit more apocalyptic." Goggin Sivit, who sometimes writes freelance for beer publications, described a recent exchange in which she emailed an editor and forgot to include well wishes.