Dear Members of the HPE Community,

This is to notify you that we are uploading eight contributions to the NOTE series. There will be no hard-copy distribution of the NOTEs. The manuscripts that are received are reviewed, revised and uploaded to http://www.ece.unm.edu/summa/notes.

In IN 624, Giri and Tesche report on measurements and modeling of attenuation through building materials. PhN 21 is an interesting contribution from Ian Gallon which considers equation of motion of point charges and resulting radiation.

MN 64 is a comprehensive manual by Tesche on CW Testing including test planning, equipment needed, measurement techniques and assessment. In SSN 563, Singh et al. consider an asymptotic conical dipole (ACD) type of feed for the reflector HIRA eliminating the need for a balun.

In SSN 564, Farr extends his earlier work on the theory of antenna radiation and scattering into the time domain a number of standard antenna terms, including gain, antenna factor, antenna pattern, beamwidth, scattering cross section, and radar cross section. Singh et al. work out the performance of the reflector IRA with an ACD type of feed in SSN 565 and demonstrate the advantage of the ACD feed over the conventional feed.

Harmouch and Haddad consider slotted waveguide antennas in a ring shape and report their innovative approach in SSN 566. Finally Singh et al. use the conjugate gradient (CG) method in calculating the impulse response of hyperband antennas in SSN 567. The CG method in time domain appears to offer some advantage over the conventional Fourier Transform method.

Manuscripts should be e-mailed to Dr. Giri (Giri@DVGiri.com) for consideration. It is the responsibility of the author(s) to get the paper cleared for public release. The Notes will be regularly uploaded to www.ece.unm.edu/summa/notes. The announcement of newly published notes will be sent out to subscribers twice a year by postcard. You can be added (at no cost) to this postcard notification mailing list by e-mailing Chuck Reuben at shawnee@ece.unm.edu. All Notes should be cited by mentioning, Author(s), Title, Name and Number of the Note, the Date of publication and the URL from where it can be accessed. “All published Notes are approved for public release and their distribution is unlimited.”

Potential contributors to the NOTE series can adapt their material and submit it to other journals, such as the IEEE Transactions on Antennas and Propagation, EMC, etc. and should abide by all IEEE editorial policies.

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Carl Edward Baum portrays King Herod the Great