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Both, the closing and the opening of a switch introduce a change in the system structure that can cause overcurrents and overvoltages. The analysis of switching transients in linear systems can be made by applying the superposition principle. Section 3 introduces some fundamental concepts for analysis of switching transients in linear systems.

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Dr. Allan Greenwood is presently Philip Sporn Professor of Engineering at Rensselaer, the oldest engineering school in North America. His professional career, which started with a B.T.-H. apprenticeship in 1940, has been spent about equally in industry and university environments.

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