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Weaving the Exotic Web

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Toroidally compactified M-theory or type II string theory contains a rich variety of exotic branes. In this talk, I will review these exotic branes and construct their supergravity solutions utilizing the framework of the double/exceptional field theory. Some of the obtained solutions depend on the winding coordinates although the section condition is not violated. The mixed-symmetry potentials and the locally non-geometric fluxes in the exotic domain-wall backgrounds, and deformations of supergravity are also discussed. This talk is based on a collaboration with Jose J. Fernandez-Melgarejo and Tetsuji Kimura.

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