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Systems with Embedded Solitons

At the end of the nineties a brand-new type of solitons were discovered: *the embedded solitons*. Initially they were found in optical systems, and afterwards they were also found in hydrodynamical models, liquid crystal theory and discrete systems. These peculiar solitary waves are interesting because they exist under conditions in which, until recently, it was considered that the propagation of solitons was impossible. In the beginning it was considered that these nonlinear waves were necessarily isolated and unstable, but later on it was found that they can be stable and may exist in families. In the present communication it is explained what these *embedded solitons* are, in which models they have been found, and what variants exist (stable, unstable, continuous, discrete, *etc.*).