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Similar to evolutionary algorithms, such as taboo search and ant colonies. Since its original development in 1995, PSO has mainly been applied to continuous-discrete heterogeneous strongly non-linear numerical optimization and it is thus used almost everywhere in the world.

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Particle swarm optimization (PSO)
was originally designed and
introduced by Eberhart and Kennedy.
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Particle Swarm Optimization: Codes &
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Particle swarm optimization (PSO) is

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implement while producing bizarrely

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will present the original global version of the PSO algorithm in the pseudo-code form and its source-code in Matlab, and in C++ programming language.

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In this video, Prof. Cheng will introduce another algorithm and its applications: Particle Swarm Optimization (PSO). Particle swarm optimization (PSO) is a robust evolutionary strategy inspired by the social behavior of animal species living in large colonies like birds, ants

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Particle Swarm Optimization (PSO)
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Global optimization using interacting
multiple walkers or populations.

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solve many science and engineering optimization problems. Most of PSOs are designed to search one solution of a problem.

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