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Analysys of the Distribution of the Beam in Particle Accelerators

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In particle accelerator physics the problem is that we can not see what is going on inside the working machine. There are a lot of packages for modelling the behaviour of the particles in numerical or analytical way. The idea is to provide scientists with a problem-solving environment, which can not only do some numerical calculations, but show the changes of the particle distribution as a motion 3D picture.

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