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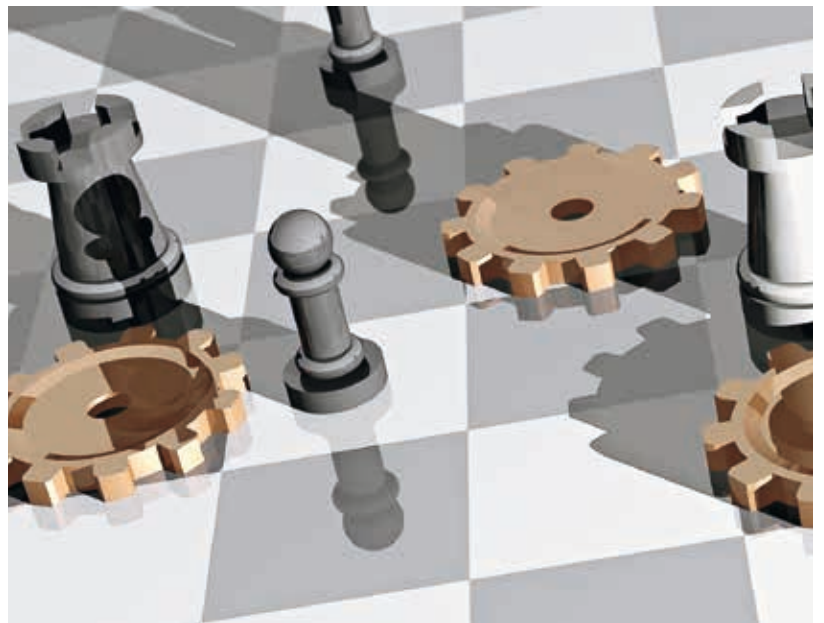
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Simulation

With technologies advancing to greater sophistication, systems growing in complexity, and the scope of interaction between components increasing, the challenges of testing are also facing steep growth. Although simulations cannot fully replace testing, there are many situations where simulation can save time and costs (as well as prevent potentially dangerous situations). Simulation also permits a greater understanding of processes and thus permits higher levels of optimization to be achieved. Increases in computer power and algorithmic advances mean that more and more systems can be, and are being, simulated. Besides supporting design and engineering, simulations can also be used to train operators and analyze hypothetical situations.

Issue 3/2013 of *ABB Review* will focus on the theme of simulation, showing how ABB is using and developing the technique to improve the timely and qualitative delivery of systems and solutions to customers.

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