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September 2016

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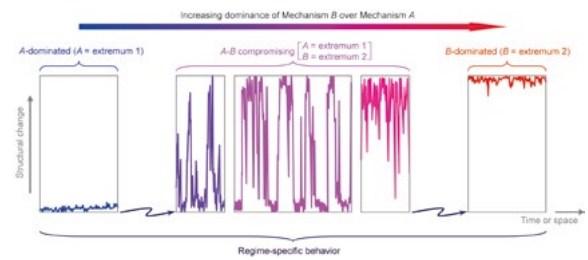
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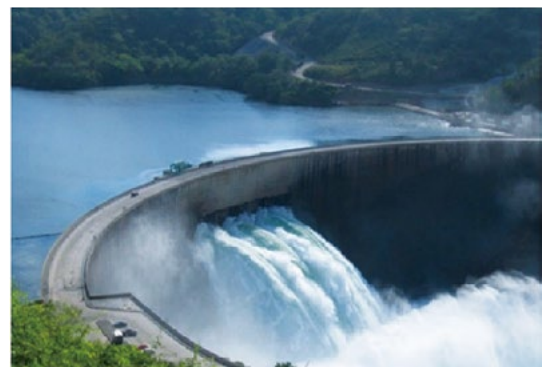
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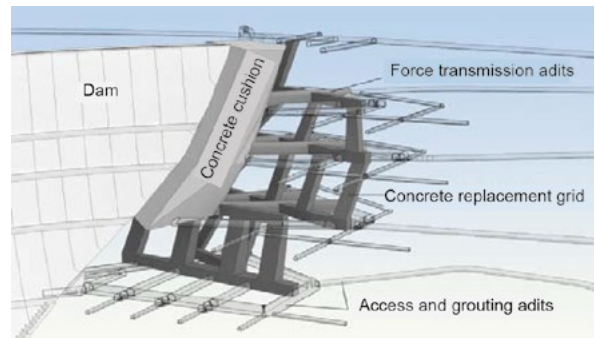
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ON THE COVER

High-speed railway holds a dominant position in the comprehensive transportation system, and is a critical contributor to economic growth and people's livelihood. Hundreds of CHR380 series trains, high-speed trains with a top operation speed of $380 \text{ km}\cdot\text{h}^{-1}$, are in commercial service in China. In the next few years, the railway grid will total 45 000 km in length and will connect all provincial capitals and cities in China having populations greater than 500 000 with high-speed rail service. The system will expand into a network of 16 rail corridors by 2030.

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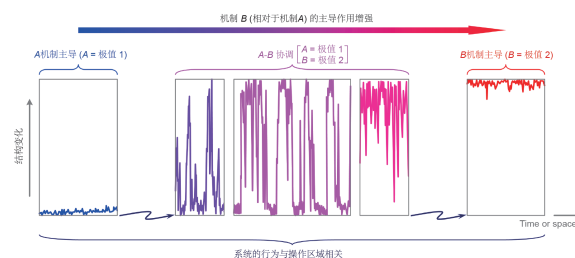
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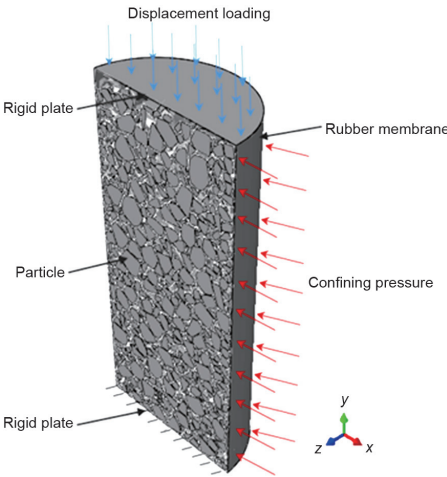
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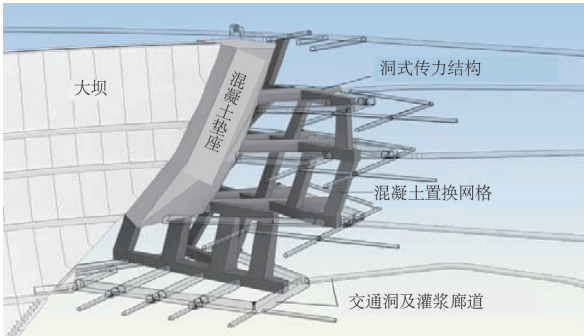
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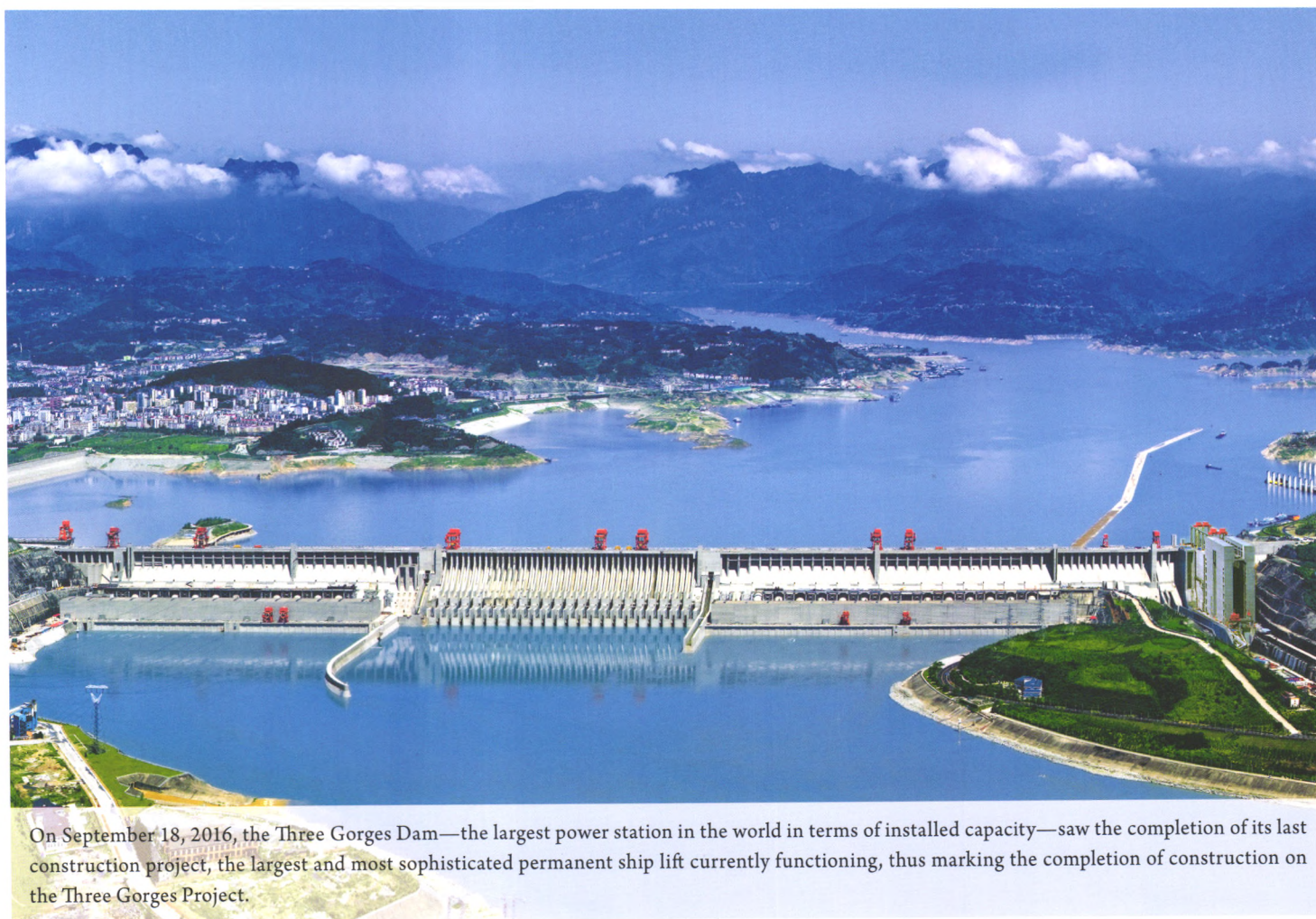
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高速铁路在综合交通系统中占有重要的地位,对国民经济的增长和人民生活水平的改善有着重要的贡献。目前,我国已有数百列最高时速达 380 km 的 CRH380 系列各型电力动车组投入商业运营。2030 年,我国将建成八纵八横高速铁路主通道,连接全部省会城市及 50 万人口以上城市,总里程将达 45 000 km。

Engineering Science and Technology Create a Better Future



On September 18, 2016, the Three Gorges Dam—the largest power station in the world in terms of installed capacity—saw the completion of its last construction project, the largest and most sophisticated permanent ship lift currently functioning, thus marking the completion of construction on the Three Gorges Project.

Engineering is intended to provide a high-level platform where academic achievements of great importance in engineering science and technology can be disseminated and shared.

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