

### **3D Finite Element Model as a Tool for Analyzing the Structural Behavior of a Railway Track**

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### **Älypölkky, radan monitorointi, kreosoottipölkyn korvaavat vaihtoehdot**

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### **Anisotropic total and effective stress stability analysis of the Perniö failure test**

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**Kapillaaristen vedenimuominaisuuksien määrittämiseen sopivan vapaan vedenimukoelaitteiston kehittäminen**

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#### **Problems related to field vane testing in soft soil conditions and improved reliability of measurements using an innovative field vane device**

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### **Reply to the discussion by Mesri and Wang on "Correlations for undrained shear strength of Finnish soft clays"**

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### **Strength increase below an old test embankment in Finland**

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### **Stress-strain hysteresis shape estimation of different soils using deformation-history integral (DHI) model**

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### **Temporal variation in indoor transfer of dirt-associated environmental bacteria in agricultural and urban areas**

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Research output: Contribution to journal › Article › Scientific › peer-review

### **Teräsrumpujen uudet korjausmenetelmät: Halkaistu sisäputki, puolipohjaus ja pohjan betonointi**

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Research output: Book/Report › Book › Professional

### **Test in scala reale su argille sensibili: l'esperienza finlandese**

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Professional

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### **The effects of improved energy efficiency on indoor environmental quality in multi-family buildings**

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Research output: Contribution to journal › Article › Scientific › peer-review

### **Tien ja radan sitomattomissa rakennekerroksissa käytettävien kiviainesten lujuuden ja hienontumisen tutkiminen : kirjallisuusselvitys**

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Research output: Book/Report › Commissioned report › Professional

### **Tierakenteen rasittuminen yli 76 tonnin HCT-yhdistelmien koekuormituksissa vuosina 2015 - 2017: Liikenneviraston tutkimuksia ja selvityksiä 63/2018**

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### **Tutkimusohjelma Elinkaaritehokas RAta (TERA): Kokonaisvaltainen ote ratarakennetutkimukseen**

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