Ove Dalager Ditlevsen - Research outputs - DTU Orbit (20/10/2019)

Bayesian estimation of $P(X > x)$ from a small sample of Gaussian data. / Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Aleatoric or epistemic? Does it matter? / Der Kiureghian, Armen; Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Cost and benefit including value of life, health and environmental damage measured in time units. / Ditlevsen, Ove Dalager; Friis-Hansen, Peter.
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

On the stochastic nature of the rapid climate shifts during the last ice age. / Ditlevsen, Peter Dalager; Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Discussion to "The derivation and calibration of the life-quality index (LQI) from economic principles", by MD Pandey, JS Nathwani, NC Lind [Struct Saf, 28 (2006), 341-360]. / Ditlevsen, Ove Dalager; Friis-Hansen, Peter.
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Model of observed stochastic balance between work and free time supporting the LQTAI definition. / Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Parameter estimation from observations of first-passage times of the Ornstein-Uhlenbeck process and the Feller process. / Ditlevsen, Susanne Dalager; Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Availability, reliability and downtime of systems with repairable components. / Kiureghian, Armen Der; Ditlevsen, Ove Dalager; Song, J.
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Life Quality Index – an empirical or a normative concept? / Ditlevsen, Ove Dalager; Friis-Hansen, Peter.
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

A story about distributions of dimensions and locations of boulders. / Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

SORM applied to hierarchical parallel system. / Ditlevsen, Ove Dalager (Invited author).
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2006 › Research

A story about estimation of a random field of boulders from incomplete seismic measurements. / Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Research output: Contribution to journal › Editorial – Annual report year: 2005 › Research › peer-review

Life quality time allocation index-an equilibrium economy consistent version of the current life quality index. / Ditlevsen, Ove; Friis-Hansen, Peter.
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Slepian simulation of distributions of plastic displacements of earthquake excited shear frames with a large number of stories. / Lazarov, Boyan Stefanov; Ditlevsen, Ove.
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

SORM correction of FORM results for the FBC load combination problem. / Ditlevsen, Ove.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2005 › Research › peer-review

Span-Dependent Distributions of the Bending Strength of Spruce Timber. / Ditlevsen, Ove; Källsner, Bo.
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Structural Reliability Methods. / Ditlevsen, Ove Dalager; Madsen, Henrik O.; Jun, He (Editor).
Research output: Book/Report › Book – Annual report year: 2005 › Education

Systems with randomly failing repairable components. / Der Kiureghian, Armen; Ditlevsen, Ove Dalager; Song, Junho.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2005 › Research › peer-review

Extremes of random fields over arbitrary domains with application to concrete rupture stresses. / Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Invalidity of the spectral Fokker-Planck equation for Cauchy noise driven Langevin equation. / Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Life quality index revisited. / Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

LIKELIHOOD ESTIMATION OF PARAMETERS USING SIMULTANEOUSLY MONITORED PROCESSES. / Friis-Hansen, Peter; Ditlevsen, Ove Dalager.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 › Research › peer-review
**Simulation by Slepian method of plastic displacements of Gaussian process excited multistory shear frame.** / Lazarov, Boyan Stefanov; Ditlevsen, Ove Dalager.


Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

**Statistical series system effects on bending strength of timber beams.** / Ditlevsen, Ove Dalager; Kallsner, B.


Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 › Research › peer-review

**A Monte Carlo simulation model for stationary non-Gaussian processes.** / Grigoriu, M.; Ditlevsen, Ove Dalager; Anwade, S. R.


Research output: Contribution to journal › Journal article – Annual report year: 2003 › Research › peer-review

**Decision modeling and acceptance criteria.** / Ditlevsen, Ove Dalager.


Research output: Contribution to journal › Journal article – Annual report year: 2003 › Research › peer-review

**Der er altid en risiko.** / Ditlevsen, Ove Dalager.


Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2003 › Communication

**Likelihood updating of random process load and resistance parameters by monitoring.** / Friis-Hansen, Peter; Ditlevsen, Ove Dalager.


Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2003 › Research › peer-review

**Nature preservation acceptance model applied to tanker oil spill simulations.** / Friis-Hansen, Peter; Ditlevsen, Ove Dalager.


Research output: Contribution to journal › Journal article – Annual report year: 2003 › Research › peer-review

**Simulation of plastic displacement distributions for multistory shear frames excited by Gaussian white noise.** / Lazarov, Boyan Stefanov; Ditlevsen, Ove Dalager.


Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2003 › Research › peer-review

**Slepian simulation of plastic displacement distributions for shear frame excited by filtered Gaussian white noise ground motion.** / Ditlevsen, Ove Dalager; Lazarov, Boyan Stefanov.


Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2003 › Research › peer-review

**Stochastic models for atmospheric dispersion.** / Ditlevsen, Ove Dalager.


Research output: Contribution to journal › Journal article – Annual report year: 2003 › Research › peer-review

**Integrals of random fields treated by the model correction factor method.** / Franchin, P.; Ditlevsen, Ove Dalager; Kiureghian, Armen Der.


Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2002 › Research › peer-review
Model correction factor method for reliability problems involving integrals of non-Gaussian random fields. / Franchin, P.; Ditlevsen, Ove Dalager; Kireghian, Armen Der.
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research › peer-review

Stochastic model for joint wave and wind loads on offshore structures. / Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research › peer-review

Stochastic Still Water Response Model. / Friis-Hansen, Peter; Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 2002 › Research › peer-review

Stepian approach to a Gaussian excited elasto-plastic frame including geometric nonlinearity. / Ditlevsen, Ove Dalager; Randrup-Thomsen, Søren; Tarp-Johansen, Niels Jacob.
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

Time between plastic displacements of elasto-plastic oscillators subject to Gaussian white noise. / Tarp-Johansen, Niels Jacob; Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 2001 › Research › peer-review

Bayesian soil assessments combining prior with posterior censored samples. / Ditlevsen, Ove Dalager; Tarp-Johansen, Niels Jacob; Denver, H.
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

Bayesian statistical analysis of censored data in geotechnical engineering. / Ditlevsen, Ove Dalager; Tarp-Johansen, Niels Jacob; Denver, Hans.
Research output: Contribution to journal › Journal article – Annual report year: 2000 › Research › peer-review

Extreme of random field over rectangle with application to concrete rupture stresses. / Ditlevsen, Ove Dalager.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2000 › Research › peer-review

Model correction factor method for system analysis. / Ditlevsen, Ove Dalager; Johannesen, Johannes M.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2000 › Research › peer-review

Stochastic stresses in granular matter simulated by dripping identical ellipses into plane silo. / Berntsen, Kasper Nikolaj; Ditlevsen, Ove Dalager.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2000 › Research › peer-review

Choice of input fields in stochastic finite elements. / Ditlevsen, Ove Dalager; Tarp-Johansen, Niels Jacob.
Research output: Contribution to journal › Journal article – Annual report year: 1999 › Research › peer-review
Elasto-plastic frame under horizontal and vertical Gaussian excitation. / Ditlevsen, Ove Dalager; Tarp-Johansen, Niels Jacob; Randrup-Thomas, S.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1999 › Research › peer-review

Empirically based gamma-distributed random wall pressure field in silo. / Ditlevsen, Ove Dalager; Berntsen, Kasper Nikolaj.
Research output: Contribution to journal › Journal article – Annual report year: 1999 › Research › peer-review

Experiments with elasto-plastic oscillator. / Randrup-Thomsen, S.; Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 1999 › Research › peer-review

Random lock-in intervals for tubular structural elements subject to simulated natural wind. / Christensen, Claus F.; Ditlevsen, Ove Dalager.
Research output: Contribution to journal › Journal article – Annual report year: 1999 › Research › peer-review

Slepian modeling as a computational method in random vibration analysis of hysteretic structures. / Ditlevsen, Ove Dalager; Tarp-Johansen, Niels Jacob.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1999 › Research › peer-review

Positive random fields for modeling material stiffness and compliance. / Hasofer, Abraham Michael; Ditlevsen, Ove Dalager; Tarp-Johansen, Niels Jacob.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1998 › Research › peer-review

Secondary systems modeled as fuzzy sub-structures. / Tarp-Johansen, Niels Jacob; Ditlevsen, Ove Dalager; Lin, Y.K.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1998 › Research › peer-review

Statistical analysis of silo wall pressures. / Ditlevsen, Ove Dalager; Berntsen, Kasper Nikolaj.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1998 › Research › peer-review

Stochastic systems driven by alpha-stable noises. / Ditlevsen, Ove Dalager; Ditlevsen, P.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1998 › Research › peer-review

System effects influencing the bending strength of timber beams. / Ditlevsen, Ove Dalager; Källsner, B.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1998 › Research › peer-review

Experimental verification of a weak zone model for timber in bending. / Källsner, B.; Ditlevsen, Ove Dalager; Salmela, K.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1997 › Research › peer-review

**Fatigue damage from random vibration pulse process of tubular structural elements subject to wind.** / Christensen, Claus F.; Ditlevsen, Ove Dalager.

**Stochastic Structural Dynamics. Mayaguez, Puerto Rico : University of Puerto Rico, 1997.**

Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1997 › Research › peer-review

**Gradient angle estimation by uniform directional simulation on a cone.** / Ditlevsen, Ove Dalager.


Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1997 › Research › peer-review

**Ground properties derived from censored data.** / Denver, H.; Ditlevsen, Ove Dalager; Tarp-Johansen, Niels Jacob.


Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1997 › Research › peer-review

**One-floor building as elasto-plastic oscillator subject to and interacting with Gaussian base motion.** / Randrup-Thomsen, Søren; Ditlevsen, Ove Dalager.


Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research › peer-review

**Probability of Boulders.** / Ditlevsen, Ove Dalager.


Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1997 › Research › peer-review

**Structural reliability codes for probabilistic design : - a debate paper based on elementary reliability and decision analysis concepts.** / Ditlevsen, Ove Dalager.


Research output: Article in proceedings – Annual report year: 1997 › Research › peer-review

**White noise excited non-ideal elasto-plastic oscillator.** / Ditlevsen, Ove Dalager; Tarp-Johansen, Niels Jacob.


Research output: Contribution to journal › Journal article – Annual report year: 1997 › Research › peer-review

**Choice of input fields in stochastic finite elements.** / Ditlevsen, Ove Dalager; Tarp-Johansen, Niels Jacob.


Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1996 › Research › peer-review

**Dimension Reduction and Discretization in Stochastic Problems by Regression Method.** / Ditlevsen, Ove Dalager.


Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1996 › Research

**Experiments with elasto-plastic oscillator.** / Randrup-thomsen, Søren; Ditlevsen, Ove Dalager.


Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1996 › Research › peer-review
**Gaussian white noise excited elasto-Plastic oscillator of several degrees of freedom.** / Ditlevsen, Ove Dalager; Randrup-thomsen, Søren.

Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1996 › Research › peer-review

**Integration of non-Gaussian fields.** / Ditlevsen, Ove Dalager; Mohr, Gunnar; Hoffmeyer, Pernille.

Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research › peer-review

**Partial summations of stationary sequences of non-Gaussian random variables.** / Mohr, Gunnar; Ditlevsen, Ove Dalager.

Research output: Contribution to journal › Journal article – Annual report year: 1996 › Research › peer-review

**Risk Acceptance Criteria and/or Decision optimization.** / Ditlevsen, Ove Dalager.

Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 1996 › Research › peer-review

**Structural Reliability Methods.** / Ditlevsen, Ove Dalager; Madsen, H. O.

Research output: Book/Report › Book – Annual report year: 1996 › Research › peer-review