TPG4230 - Field development and operations Prof. Milan Stanko (NTNU) Notes to Youtube video 13 How to hardle incertain paraneters in our FU calculations deterministic calculation: x and y have a unque 7 unoun value. ω stochastre/probabilitie calculation: so and y exhibits a probabilistic distribution Approach to deal with uncertainty: d(x) actual Ly Unanann +(x) behaviour · create scroles o evaluate the function at samples ኦ kz λ, Xy · caludate pdf and cdf of the realts pd-1. How many samples are readed a 1: How to generate the samples? λ less samples more larges 9: Increase the number of samples and see how the results change (pdf, cdf) 50Graph . LOO serples ρ*k*↓ 1000 samply reult variable. for this are, it seens 1000 sapes 500 sapes is enough cd 0.7 0.5 0.1 unide 2; how to generate the samples ethicist sampling -> less number of samples to achieve o Monte Cerlo nethod covergence a latin hyperabe sampling

TPG4230 - Field development and operations

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