



UNIVERSITAS GADJAH MADA
DEPARTEMEN TEKNIK SIPIL DAN LINGKUNGAN
PRODI MAGISTER TEKNIK SIPIL

Statistika Teknik

Pengantar

Statistika Teknik

Bagian I (sebelum UTS)

- Pendahuluan
- Probabilitas
- Variabel acak
- Distribusi probabilitas diskrit
- Distribusi probabilitas kontinu
- Rentang keyakinan
- Uji hipotesis
- Regresi dan interpolasi

Bagian II (setelah UTS)

- Regresi dan interpolasi (lanjutan)
- Korelasi
- Analisis frekuensi
- Analisis data time series
- Model stokastik

Statistika Teknik

■ Referensi Utama

- Haan, C.T., 1982, *Statistical Methods in Hydrology*, 1st Ed., 3rd Printing, The Iowa State Univ. Press, Ames, Iowa, USA.

■ Referensi Pendukung

- Kottegoda, N.T., Rosso R., 1998, *Statistics, Probability, and Reliability for Civil and Environmental Engineers*, McGraw Hill Intl. Ed., New York
- Mamdouh Shahin et al., 1993, *Statistical Analysis in Water Resources Engineering*, A.A. Balkema, Rotterdam, NL.
- Chow, Ven Te, Maidment, David R., Mays, Larry W., 1988, *Applied Hydrology*, McGraw-Hill, Inc., New York.

Bahan Ajar

- Sila jenguk

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Terima kasih