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Douglas C. Montgomery, Regents' Professor of Industrial Engineering and Statistics at Arizona State University, received his B.S., M.S., and Ph.D. degrees from Virginia Polytechnic Institute, all in engineering. From 1969 to 1984, he was a faculty member of the School of Industrial & Systems Engineering at the Georgia Institute of Technology; from 1984 to 1988, he was at the University of ...

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two-sided confidence interval each factor level has been replicated six times.

$2\bar{y} \pm t_{\alpha/2, n-1} \sqrt{\frac{1}{n} s^2}$ If the total interval is to have width 1.0, then the half-interval is 0.5. Solutions. *Design And Analysis Of Experiments Solution Manual | Chegg.com* Solutions from Montgomery, D. C. (2004) Design and Analysis of Experiments, Wiley, NY Chapter 2 Simple Comparative Experiments Solutions 2-1 The breaking strength of a fiber is required to be at least 150 psi. Past experience has indicated that the standard deviation of breaking strength is $\sigma = 3$ psi. A random sample of four specimens is tested.

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