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guidelines for designing the experiments. Step 1: Recognition of and statement of the problem. Objective of the experiment is to judge the popcorn quality and the number of unpopped popcorns. Step 2: Selection of the response variable. (i) Taste scale. (ii) Unpopped popcorns.

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7-1 Chapter 7. Blocking and Confounding in
the 2. k. Factorial Design. Solutions. 7.1
Consider the experiment described in Problem
6.1. Analyze this experiment assuming that
each replicate represents a block of a single
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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 & Page 18/20

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