Problem 1. (15 pts) With your newfound library skillz, you’re going to do some literature searching. Using one of the library’s databases as described by the ME department librarian, Robin Sinn, locate one journal article\(^1\) on each of the following subjects: (1) climate modeling, (2) conceptual design, (3) and human prosthetics. At least one author on each paper should have the same last initial as you. When you’ve found the online versions of the papers, print out the first page of each paper and include it with your assignment.

Problem 2. (10 pts) We mentioned in class the example of the Mercedes-Benz single-arm wiper, which was a technical tour de force, but ended up getting dumped because its deficiencies didn’t outweigh its advantages. Fundamentally, the single-arm wiper didn’t answer any pressing need. Can you think of another product (not just a brand or model, but a class of product) that failed not because if didn’t work well, but because there was no justification for it? Describe the circumstances briefly.

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\(^1\)Not a book, or an article from conference proceedings or transactions.