

Homework11

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1 Previous Figures

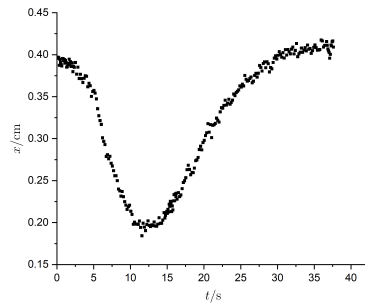


Figure 1: Changes in paper width(x) over time(t): experimental results. Initially, the width of the paper decreases, then it increases, and finally, the width becomes slightly larger than the initial width.

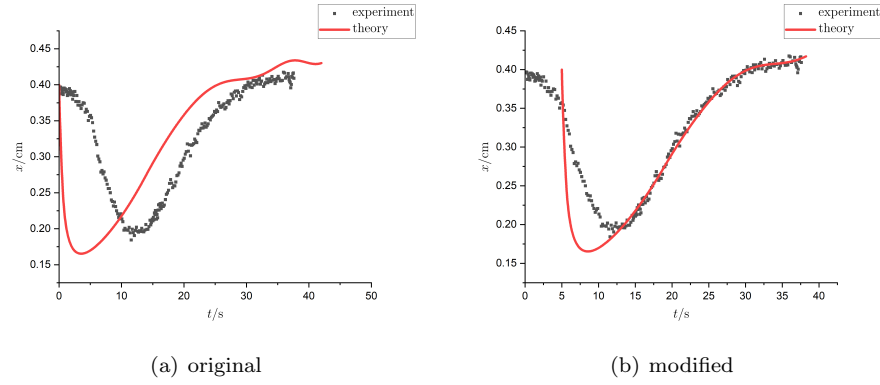


Figure 2: (a) Changes in paper width(x) over time(t): comparison of theoretical results and experimental results(original). (b) Changes in paper width(x) over time(t): comparison of theoretical results and experimental results(modified). Figure 2(b) is obtained by shifting the red curve(theoretical results) in Figure 2(a) to the right by 5 seconds. In the second half of the curves, the theory and experiments agree well.

2 New Figures

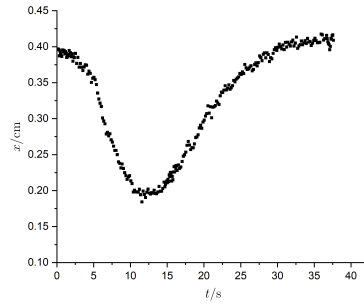


Figure 3: Changes in paper width(x) over time(t): experimental results. Initially, the width of the paper decreases, then it increases, and finally, the width becomes slightly larger than the initial width.

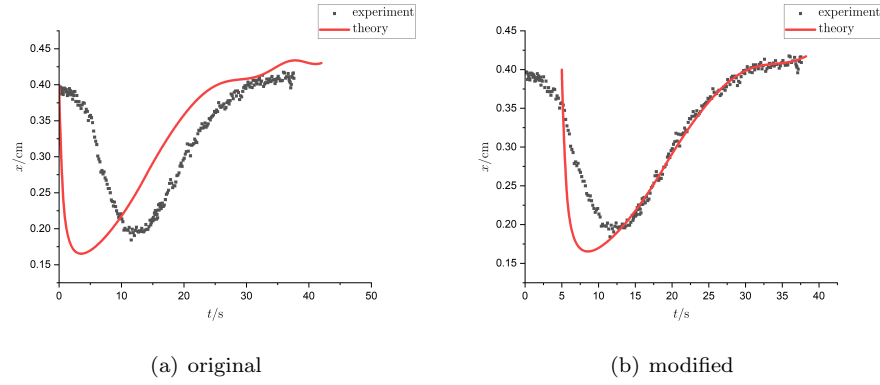


Figure 4: (a) Changes in paper width(x) over time(t): comparison of theoretical results and experimental results(original). (b) Changes in paper width(x) over time(t): comparison of theoretical results and experimental results(modified). Figure 2(b) is obtained by shifting the red curve(theoretical results) in Figure 2(a) to the right by 5 seconds. In the second half of the curves, the theory and experiments agree well. But in the first half of the curves, there are still obvious differences.

3 Changes

1. Change the range of x -axis in Figure1 to be the same as that in Figure2.
2. Explain Figure2 in more detail.