

Homework10

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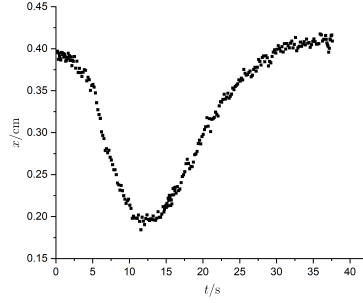


Figure 1: Changes in paper width(x) over time(t): experimental results. Initially, the width of the paper decreases, then it increases, and finally, the width becomes slightly larger than the initial width.

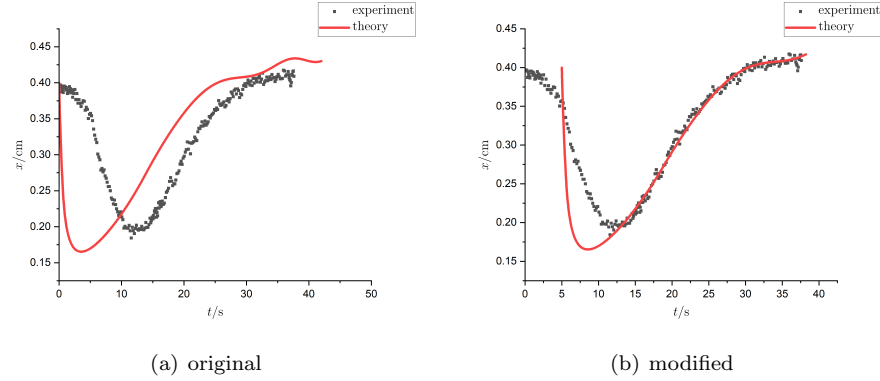


Figure 2: (a) Changes in paper width(x) over time(t): comparison of theoretical results and experimental results(original). (b) Changes in paper width(x) over time(t): comparison of theoretical results and experimental results(modified). Figure 2(b) is obtained by shifting the red curve(theoretical results)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