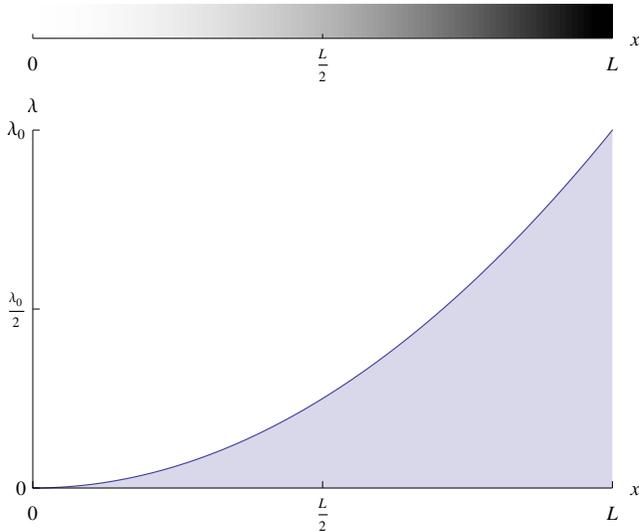


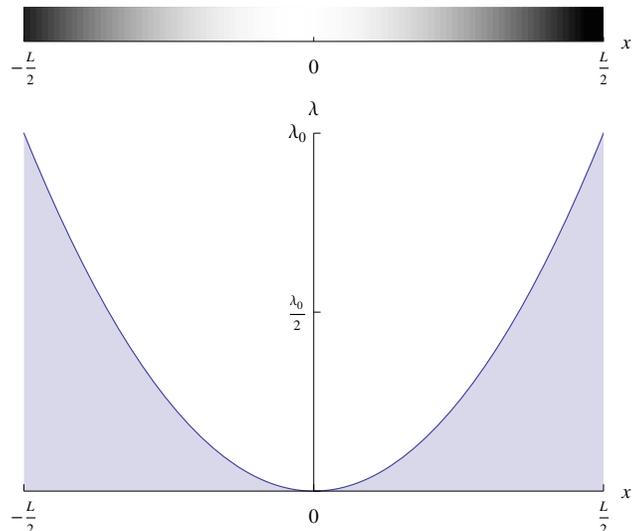
Comparing two results

1. Charge density proportional to the square of the distance from one end.

2. Charge density proportional to the distance from the center of the segment.



$$Q = \frac{1}{3}\lambda_0 L$$



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