

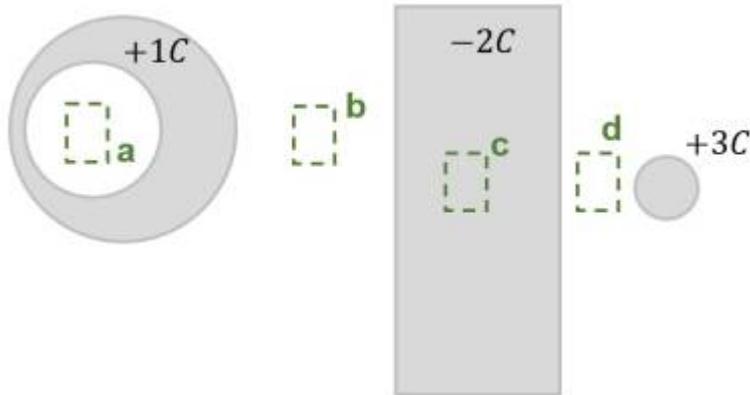
task_1.4.4

Student Group

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Task 1.4.4 electrical Field at different Geometry II (exam task, ca 6% of a 60 minute exam)

The figure on the right shows an arrangement of ideal metallic conductors (gray) with specified charge. In white a dielectric (e.g. vacuum) is shown. Several designated areas are shown by green dashed frames, which are partly inside the objects.

Arrange the designated areas clearly according to ascending field strength (magnitude)! Indicate also, if designated areas have quantitatively the same field strength.

Result

$$a = c < b < d$$

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Last update: **2022/03/10 12:31**

