

CLPhys1 19.P.025. (382213)

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Gas Expands A sample of gas expands from 3.0 m^3 to 6.0 m^3 while its pressure decreases from 60 Pa to 10 Pa . How much work is done by the gas if its pressure changes with volume via each of the three paths shown in the P - V diagram in Fig. 19-30?

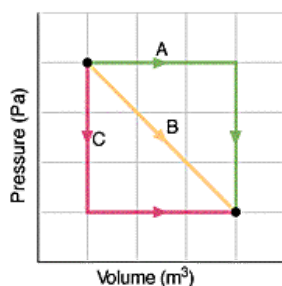
path A Jpath B Jpath C J

Figure 19-30

Question Details

Name (QID): CLPhys1 19.P.025. (382213)

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Author: WebAssign Staff (support@webassign.net)

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Textbook

Cummings, Laws, Redish, and Cooney, "Understanding Physics", ed.1

Chapter

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