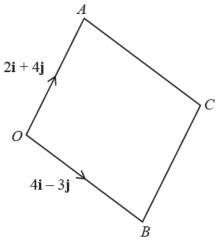
Vectors – 2022 GCE AS Mathematics A

1. June/2022/Paper_H230/02/No.7



The diagram shows the parallelogram *OACB* where $\overrightarrow{OA} = 2\mathbf{i} + 4\mathbf{j}$ and $\overrightarrow{OB} = 4\mathbf{i} - 3\mathbf{j}$.

(b) Hence find the exact value of sin *AOB*. [2]

[2]

(c) Determine the area of *OACB*.

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