

- Flux integral: $F(\mathbf{r}) \cdot d\mathbf{A} = F(\mathbf{r}) \cdot (\underline{n}dA) = F(\mathbf{r}) \cdot (\mathbf{r}_u \times \mathbf{r}_v) * dudv$
- Surface integral $f(\mathbf{r}) * dA = f(\mathbf{r}) * |d\mathbf{A}| = f(\mathbf{r}) * |\mathbf{r}_u \times \mathbf{r}_v| * dudv$ (including mass, SA, moments of inertia)

Preview from Notesale.co.uk
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