

1 Center text

```
$(\centerline{Derive circle parametric equation})$
```

Derive circle parametric equation	
multiple line search/matrix block	/\begin{matrix}*\backslash\end{matrix}
multiple line search	/\begin{matrix}*\backslash\end{matrix}

2 Greek Symbols

alpha	α	theta	θ	tau	τ	beta	β
varthetaeta	ϑ	pi	π	upsilon	υ	gamma	γ
varpi	ϖ	phi	ϕ	delta	δ	kappa	κ
rho	ρ	varphi	φ	epsilon	ϵ	lambda	λ
varrho	ϱ	chi	χ	varpiellon	ε	mu	μ
sigma	σ	psi	ψ	zeta	ζ	nu	ν
varsigma	ς	omega	ω	eta	η	xi	ξ
Gamma	Γ	Lambda	Λ	Sigma	Σ	Psi	Ψ
Delta	Δ	Upsilon	Υ	Omega	Ω	Theta	Θ
Pi	Π	Phi	Φ	Upsilon	Υ	Theta	Θ

<code>\dot</code>	$\dot{}$
<code>\cdots</code>	\cdots
<code>\ddots</code>	\ddots
<code>\reflectbox{\$\ddots\$}</code>	$\ddots^{\hspace{-1.5pt}}\hspace{-1.5pt}$
<code>\vdots</code>	\vdots
<code>\vdots</code>	\vdots
<code>\frac{dy}{dx}</code>	$\frac{dy}{dx}$
<code>\dfrac{dy}{dx}</code>	$\frac{dy}{dx}$
<code>\frac{dy}{dx}</code>	$\frac{dy}{dx} = \frac{dy}{dx}$
<code>\dfrac{dy}{dx}</code>	$\frac{dy}{dx} = \frac{dy}{dx}$
<code>\vert \vec{u} \vert</code>	$ \vec{u} $
<code>\abs{\vec{u}}</code>	$ \vec{u} $
<code>\norm{\vec{u}}</code>	$\ \vec{u}\ $
<code> \vec{r} </code>	$ \vec{r} $
<code>\mathcal{V}</code> \quad <code>\mathcal{W}</code>	$\mathcal{V} \quad \mathcal{W}$

```
\frac{\partial u}{\partial x} = h^2 \left( \frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} + \frac{\partial^2 u}{\partial z^2} \right)
```

3 Table

3.1 Tabular

10	20	30	40	50
0.8	28	38	48	58
28	38	48	58	68
0.7	108	118	128	99
98	108	118	128	88

```
\begin{tabular}{|c|c|c|c|c|}\hline10 & 20 & 30 & 40 & 50 \\ \hline0.8 & 28 & 38 & 48 & 58 \\ \hline28 & 38 & 48 & 58 & 68 \\ \hline0.7 & 108 & 118 & 128 & 99 \\ \hline98 & 108 & 118 & 128 & 88 \\ \hline\end{tabular}
```