$I) \qquad x$

$II) \qquad y$

$$(\boldsymbol{u})$$

$$(\boldsymbol{u})$$

$$= \quad (1 -$$

$$= \quad \mathbf{3}u(1$$

$$\boldsymbol{u})^{3} + \mathbf{3}$$

$$- \boldsymbol{u})^{2} \boldsymbol{s}$$

$$u(1-u)$$

$$+3u^3(1$$

$$^{2} + \mathbf{3}u^{2}\left(- u\right)w +$$

$$1-u)v+$$

$$u^{3}\sin\alpha$$

$$+ u^{3} \cos$$

α

$$0 \leq u \leq 1$$

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