

Hvadan mà a vare:

(i)
$$Q(a) = C$$
 $Q(b) = a$
(ii) $Q(a) = c$ $Q(b) = a$
(iii) $Q(a) = c$ $Q(b) = a$
(iv) $\overline{r_1}(t) = \overline{r_2}(Q(t))$

I så fell hells parambissningen ehervelenk

Setuing: Bruher i chrivelente parametisseninges til à vegue et et Linjaintegral, fair à somme avar, dus [gds = [gds.

Beis: Vet at
$$\vec{r}_1(t) = \vec{r}_2(\varphi(t))$$

$$\vec{r}_1(t) = \vec{r}_2(\varphi(t)) \varphi'(t)$$

$$V_{1}(t) = |\vec{r}_{1}(t)| = |\vec{r}_{2}(a(t))a(t)| = |\vec{r}_{2}(a(t))a(t)|$$

$$V_{1}(t) = |\vec{r}_{1}(a(t))a(t)| = |\vec{r}_{2}(a(t))a(t)| = |\vec{r}_{2}(a(t))a(t)|$$

$$V_{1}(t) = |\vec{r}_{1}(t)| = |\vec{r}_{2}(\alpha|t)|\alpha'(t)| = |\vec{r}_{2}(\alpha|t)|\alpha'(t)|$$

$$= |V_{2}(\alpha|t)|\alpha'(t)|$$

$$= |V_{2}(\alpha|t)|$$

Det viser seg at opså motsett rattede parametiseriger gir semme svar for Ifds

Nulling à hume vely parametrisering solv.

(ail)

$$G_{1} = G_{2} = G_$$