

E1

$$x = 1 + 4 \cos t$$
$$y = t + 3 \sin t$$

E2

$$x = 2 \cos t$$
$$y = \sin 2t$$

E3

$$x = t^2$$
$$y = t^3 - 4t$$

E4

$$x = t^2 + t + 1$$
$$y = 2t^2 - 2$$

E5

$$x = t^3 - t$$
$$y = t^3 - 3t$$

E6

$$x = 2 + 3 \cos t$$
$$y = 4 + 5 \sin t$$

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E5

$$x = t^3 - t$$
$$y = t^3 - 3t$$

E6

$$x = 2 + 3 \cos t$$
$$y = 4 + 5 \sin t$$

(S1)

Stationary point at

$$x = \frac{4}{3}$$

(S2)

Stationary point at

$$x = 2$$

(S3)

Stationary point at

$$x = \sqrt{2}$$

(S4)

Stationary point at

$$x = -\frac{1}{3}$$

(S5)

Stationary point at

$$x = 0$$

(S6)

Stationary point at

$$x = 1$$

(S1)

Stationary point at

$$x = \frac{4}{3}$$

(S2)

Stationary point at

$$x = 2$$

(S3)

Stationary point at

$$x = \sqrt{2}$$

(S4)

Stationary point at

$$x = -\frac{1}{3}$$

(S5)

Stationary point at

$$x = 0$$

(S6)

Stationary point at

$$x = 1$$

V1

Critical point at

$$\left(\frac{3}{4}, -\frac{3}{2}\right)$$

V2

Critical point at

$$(5, 0)$$

V3

Critical point at

$$(2, 0)$$

V4

Critical point at

$$\left(\frac{2}{3\sqrt{3}}, \frac{8}{3\sqrt{3}}\right)$$

V5

Critical point at

$$(5, 4)$$

V6

Critical point at

$$(0, 0)$$

V1

Critical point at

$$\left(\frac{3}{4}, -\frac{3}{2}\right)$$

V2

Critical point at

$$(5, 0)$$

V3

Critical point at

$$(2, 0)$$

V4

Critical point at

$$\left(\frac{2}{3\sqrt{3}}, \frac{8}{3\sqrt{3}}\right)$$

V5

Critical point at

$$(5, 4)$$

V6

Critical point at

$$(0, 0)$$

