S (DCK) nocrup S (ncx). S(napam) & (DCK) € (nck) € (napan.) V (0x), (0y) y= e=2 8=25in 34 (2=122) Sint+ P = Cost 1x = 2Costy=271 14=3 Sint P=20084 x€[ln 18; ln 124] y=2+1 14 = (2-t2) Cost+ 4 [0; 3] 221 +2tSint te[0;8) 12 = Cost P= Sin4 y=h(2-1) (2=2/t-Sixt)y=2+2 P Sin24=2 P=2 ly = 2 Sint y=2/1-Cost) y=1-x z=0 x=1x€[2;3] 4 \[[0; \frac{Ji}{2}] y = x y=1 1 apra $p = 1 - \cos \varphi \sqrt{x} = 3 (\cos t + t \sin t)$ 12 = 8Cos3t y=V1-22+ P=C0334 y= 3/2 $|y=8\sin^3t$ 14=3(fint-tCest) 9=3Cos34 + archinx y= 2 231 te[0; #] 20[0; 7] 2=1 14=2(1-Cost) y=ln Cos2 P = 2 Sin 44 (x = 2/t-sint) $\begin{cases}
x = 5\cos^3 t \\
y = 5\sin^3 t
\end{cases}$ y= 22 0= Sin 24 P= 38in 44 x ∈ [0; \$] 433 9 = Cos 4 1x = 4 Cost y = arctin 12+ 9 = Cos 34 y=(2-2)2 1y=4sint + 12-22 222 4 \ [0; \frac{1}{2}] ze[f;1] te[0;3] 4=0 y=e2 y = Cosa 12=3Cos3t $y = \frac{\ln x}{2} - \frac{x^2}{4}$ P= 13 Cos4 P = Cos 34 y=e-x 1y=35in3t ly=etsint P=-Sin 4 22+y2 € 9 40[0;5] X E[1;2] te[o;Ji] 1x = Cos3t y=202+1 |x=8Sint+6Cost| y=x+1 y=6Sint-8Cost| y=x-1 $t \in [0, \pi]$ y=19 = Co324 ly=8fin3t A Hune 1 9=2Cos24 te[0; #] 421

тогр.	hocmp.	S (DCK)	S (nex.)	S (napan.)	£ (90x)	& (nex)	E (napan.)	Varia
8	g=2+Cosq	-7	f= sin 24 f= 4sin 24	$\begin{cases} x = 2 \cos t \\ y = \sin t \\ x \le 1 \end{cases}$		$\beta = 34^{2}$ $4 \in [0; \frac{3}{3}]$	$\begin{cases} x = 2Cost - Cos2t \\ y = 2Sint - Sin2t \\ t \in [0; \frac{\pi}{4}] \end{cases}$	y = x + 1 $x + y = 3$ $y = 1$
9	$\int = \frac{1}{2 \sin \varphi + \cos \varphi}$	$y=2^{2}$ $y=2-2$ $y=2$	p = 5 p = 5 Co134	$ \begin{cases} 2 = 8\cos^3 t \\ y = 3\sin^3 t \\ 2 \ge 3\sqrt{3} \end{cases} $		P=2/1-Cosy)	$k = e^{t}(cost + sint)$ $y = e^{t}(cost - sint)$ $t \in [0; Ji]$	y=1-x2
10	f=Cos44	$y = \sin x$ $y = 2\sin x$ $x = \frac{\pi}{2}$	$ \begin{array}{l} f = a y^2 \\ y \ge \frac{2}{13} \\ y \le 2\sqrt{3} \end{array} $	$1x = 5 Cost$ $1y = 4 Sint$ $y \ge 2$	$y = h \sin x$ $x \in \left[\frac{\pi}{6}, \frac{\pi}{2}\right]$	9=38in 34 4e[0;3]	(x=3/t-sint) y=3/1-Cost) 1 apxa	$y=2^{2}$ $y=1$ $x=2$
11	$\beta = \frac{1}{\cos 4 - \sin 4}$	y=Sin x y=Cosx cogepm. H.K.	S=a(1+Cos4)	$\begin{cases} x = 5/t - bint \\ y = 5(1 - cost) \end{cases}$ $y \ge 5$	$y = \frac{2^3}{6} + \frac{1}{2x}$ $x \in [2;3]$	9=2E34 4 = [0;]	$ x = 2\cos^3 t$ $ y = 2\sin^3 t$ 6 I rer6.	y = x + 1 $x + y = 3$ $x = 0$
		y= 1/2 672.	р= 24. ограниченн. перым вы ком но I rest.	$ \begin{aligned} x &= 4\cos^3 t \\ y &= 4\sin^3 t \\ x^2 + y^2 &\ge 4 \end{aligned} $	$y = \sqrt{1 - \dot{x}^2} + 4 \arcsin x$ $z \in \left[-\frac{5}{5}; 0 \right]$	$f = 2\cos^3\frac{4}{3}$ $4 \in [-\frac{3}{4}; \frac{\pi}{4}]$	$\begin{cases} x = 5 \sin t + 2 \cos t \\ y = 2 \sin t - 5 \cos t \\ t \in [0, \pi] \end{cases}$	y = x $t y = x + 1$ $x = 0$ $y = 2$
13	g ² Cos24=4	$y = x^{2}$ y = -(x-5)(x-5) y = 0 y = 1	$g = 4\sin \varphi$ $y \ge 2 $	$\begin{cases} 2 = 2\cos^3 t \\ y = 8\sin^3 t \end{cases}$ $y \ge 2\sqrt{2}$	$y = e^{-x} + 4$ $x \in [-\ln \sqrt{2} + \frac{1}{2} + \ln \sqrt{2} + \frac{1}{2} + 1$	$\beta = 4 \cos 4$ $\theta \in \left[-\frac{\pi}{2}; \frac{\pi}{2}\right]$	$ x=e^{t}Cost $ $ y=e^{t}Sint $ $ t\in[-\frac{\pi}{4},\frac{\pi}{2}]$	y=12 y=212 y=2
14	f=2+Sin24	$y = x^{2}$ $y = 2 - x^{3}$ $x = -1$	f=8Cos4 α≤6	$1x = 4Cost$ $1y = 5Sin t$ $2 \ge 2\sqrt{2}$	$y = -\arcsin \sqrt{x}$ $-\sqrt{x-x^2}$ $x \in [t_i; 1]$	g = 3 bounce summer y = /x/	$\begin{cases} x = /t^2 - 2) \sin t = t \\ + 2t \cos t \\ y = (2 - t^2) \cos t \\ + 2t \sin t \\ t \in [0, n] \end{cases}$	4=2+1 Trest

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оар.	hoenip.	S (DOK)	S (nex.)	S (napani)	£ (DCK)	l (nex)	£ (mapan.)	Vox,04
15	9=Sin 44	$y = \frac{2}{x}$ $y = 2x$ $y = \frac{2}{x}$ $y = \frac{2}{x}$ $y = \frac{2}{x}$ $y = \frac{2}{x}$	8=4/1+(014)	$\begin{cases} 2 = 2Cost \\ 1y = 3Sint \\ 1y = 2Cost \\ 1y = 3Sin^3t \end{cases}$	$y = \ln(2(osx))$ $x \in \left[\frac{\pi}{6}, \frac{\pi}{4}\right]$	9=242 /g 4 \ \[\(\sigma \) \[\sigma \]	$t = e^{t}(cost + sint)$ $t = e^{t}(cost - sint)$ $t \in [0; \frac{1}{2}]$	$y = 1 - x^{2}$ $y = 2 - 2x^{2}$ $x \ge 0$
16		1. 10.1	g=a√2Cos2y g=a	$\begin{cases} 1x = 3Cost \\ 1y = 4Sint \end{cases}$ $4 \ge 2\sqrt{3}$	$y = \frac{\ln 3x}{2} - \frac{x^2}{4}$ $x \in \left[\frac{1}{2}; 1\right]$	90,31	& I reit.	y = x $y = x + 2$ $y = 3$ $x = 0$
17	g= 4Cos24	$y = 2 + x^3$ $y = x $ $x = 1$	g=45ik34° g≥2	x=4/t-Sint y=4/1-Cust $ y\ge 6$			$\begin{cases} 2 = 2(\cos t + t) & \text{int} \\ y = 2(\sin t - t) & \text{or} \\ t \in [0; A] \end{cases}$	1
1	9=2+C0124	$y=2^2$	f=a(1+sin4) f=a buynugu ostus	$\begin{cases} x = 4Cost \\ y = 3 \sin t \\ x \ge 2\sqrt{3} \end{cases}$	14.04)4	16/6/37	$ \begin{cases} x = 5 \cos^2 t \\ y = 5 \sin^2 t \\ t \in [0; \frac{4}{2}] \end{cases} $	18
19	$\beta = \frac{1}{2Cos4-2din4}$	$y = x^3$ $y = -x^3$ $y = 2-x^2$	f= \(\lambda \) Cos 4 f = 2 Cos 4 (6 He)	$ x=2\cos^3 t$ $ y=2\sin^3 t$ $x^2+y^2 \le 4$	$y = \sqrt{1-x^2} - \arctan(\cos x + \frac{1}{2})$ $x \in \left[-\frac{9}{9}; \frac{7}{9}\right]$	y f=3(+cos4, 4∈[0;#]	$ x=5 2 \text{Cost-los}$ $ y=5 2 \text{ fint-his}$ $t \in [0; \frac{\pi}{2}]$	
1	0 08 10	$y=1-x^2$ $y= x -1$	$f = 2\left(1 + \cos 4\right)$ $y \ge -\frac{2}{2} + 2$	$\begin{cases} 2 = 3 \cos^3 t \\ y = 10 \sin^3 t \\ 2 \ge 2\sqrt{2} \end{cases}$	$y = \ln \left[3 \sin 2 \right]$ $x \in \left[\frac{1}{4}, \frac{3}{5} \right]$	$\beta = 3\cos^3\frac{4}{3}$ $4 \in [0; \frac{\pi}{3}]$	114= £+5	y = 2/2 $x = 1$
21	$f = \sin^2 \frac{\varphi}{2}$	$y = 2^{3}$ $y = 2x^{3}$ $x = 1$	g=a Cos ³ 4 g=a Cos 4 (bne)	$\begin{cases} x = 8/t - sint \\ y = 8/1 - cost, \\ y \ge 8 \end{cases}$	$y = \operatorname{arcCos}(x)$ $-\sqrt{x-x^2}$ $x \in \left[\frac{1}{25}; \frac{1}{9}\right]$	Hume	$\begin{cases} x = t^2 2 \sin t \\ +2t \cos t \\ y = (2-t^2) \cos t \\ +2t \sin t \\ t \in [0; \frac{3i}{4}] \end{cases}$	$\begin{array}{c c} 1t + y = 0 \\ nt & x = 0 \end{array}$

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вар.	noomp.	S (20x)		S (napam)	£ (20CK)	L (nck)	l (napam.) V	ox, oy
22	g=2+Sin4	$y = x^3$ $y = x^3 + 2$ $x + y = 2$ $y = -x$	$ \beta = a[1+\cos\varphi] $ $ \beta = -a\cos\varphi $ $ \psi = \frac{\pi}{4} \text{Bhe} $	$\begin{cases} x = 6 \text{ Cost} \\ y = 3 \text{ sint} \\ x \leq 3 \sqrt{3} \end{cases}$	$y = \frac{2^{2}}{4} - \frac{\ln(2^{2})}{6}$ $2 \in [1; 3]$	$ \beta = 44^{2} $ $ \varphi \in [0; \frac{\pi}{6}] $	$\frac{\alpha=6/t-sint)}{4=6/t-cost)}$	1=22 2+y=3 4=0
23	$\beta = \frac{9}{4 + 5 \cos \varphi}$		9=-2\J3 Cosp 9=2\Sin 4 buympu obeux	$\begin{cases} x = 2\cos^3 t \\ y = 2\sin^3 t \\ 2^2 + y^2 \ge 1 \end{cases}$	$y = \sqrt{1-2^2 + 4}$ +arcsin $x - 2$ $x \in [\frac{1}{3}; \frac{1}{2}]$		te[0; #]	$y=2\sqrt{2}$ y=x
24	$g = 3 \sin^2 \frac{\varphi}{2}$	$y=3^{2}$ $y=3$ $z+y=1$		$\begin{cases} x = 7 \cos t \\ y = 2 \sin t \\ y \ge \sqrt{3} \end{cases}$	$y = -\ln \cos x$ $x \in \left[\frac{\pi}{6}; \frac{\pi}{3}\right]$	4=[7:3]	$\begin{cases} y = 3 \sin^2 t \\ t \in [0; \frac{\pi}{2}] \end{cases}$	$y=1-x^{2}$ x+y=2 x=0 y=0
25	$\rho^2 \sin 2\Psi = 4$	$y = \sqrt{2}$ $y = -2x^{3}$ $z = 1$	9=4 9=48in4	$\begin{cases} 2 = 4\cos^3 t \\ y = 8\sin^3 t \end{cases}$ $y \ge 3\sqrt{3}$	$y = 1 + e^{-2x}$ $z \in [-\frac{1}{4} \ln \frac{15}{4}, \frac{1}{4} \ln \frac{1}{4}]$	》《《三量清	+ + 1	2+4=3
26	pCos(4+#)=12	$y = \frac{1}{1+x^2}$ $y = \frac{1x}{2}$	f=4/1+(os4) fCos4=3 cuera	$ x = 5 Cost$ $ y = 3 Sint$ $ x = 5 Cos^3 t$ $ y = 3 Sin^3 t$	$y = \operatorname{archin} \sqrt{2} + \sqrt{2 - 2^2} $ $2 \in \left[\frac{9}{25}; 1\right]$	46[0;3]	t∈[0;J]	y= \frac{1}{2} 2+y=3 y=0
27	$g = \frac{3}{2 + \cos 4}$	y= VZ 2+y=2 y=0	g= V6Cos4 g=2Cos4 enystru ovens	$12 = 8\cos^3 t$ $1y = 8\sin^3 t$ $y \ge 1$	$y = \ln \left(1 - 2 \right)$ $\chi \in \left[0; \frac{1}{2} \right]$	46 [4; \$]	20 3-	t) $y=2+1$ y=x-1 x+y=1 x+y=5
28	g Sin (4+3)=1	$y=2^{2}$ $2y+x=2$ $x=2$	$ g = a \sin 2\theta \\ 6 \pi e $ $ f = a $ $ y \ge x $	x=10 t-Sint y=10 1-Cost $y \ge 15$	$y = \frac{2^4}{8} + \frac{1}{42}$ $2 \in [1] 3$	$ \beta = 4 \sin 4 \\ \text{Brympy} \\ \text{summer} \\ \beta = 2 $	$\begin{cases} z = 3\cos^3 t \\ y = 3\sin^3 t \end{cases}$	y=12 y=2
			0					

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