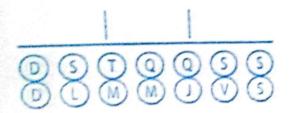
* Exercício: En	n codo umo dos situaçõs
A Services: Or	n cook who
0	May as you tom se a continue of
1 6	00-900
J m-100	M - 200
2 Joyn	2003
3 logm 4 2m	log ma
$5 \frac{2^n}{n!}$	$\frac{2\pi}{2\pi}\sqrt{1+(-2\pi)} = (-2\pi)\sqrt{1+(-2\pi)}1+(-2$
$6 2 m^2 + 5m$	M5 W 5 02/12 9 wp 1,60 00 0,00/ 0000000
	m^{2}
7 2 m2+5m /	n
1 1/1 0	Lano Ce pedence souther so may
• $1:+6(n)=0$	$\frac{(\alpha(n))}{(\alpha(n))}$
$m \gg m$, $\beta (n)$	11 = CX 9 (11)
m 1/1 / m-1	00/- 12/11-2001
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+ (n) = 10	(gin)
m 7/m, 60	$\frac{1}{200}$
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1 11 1 20 1	Charles relaxed: This himself of
+ 6(m) = 4 (graff () (Ca y (m)
m/m,040	$ x (m) \leq g(m) = c_2 \wedge c_1(m) = c_2$
n> 700,0 60,5	1 MA1001 = 111 2001 = 51.11
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C1 = 0.5	the motors O rate and a
(2=3)	Follows and all the second of
m = 100	1 (4) 10 = 10) to do on o source
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at town	links is constrained as
1 2	18 metron as e woods para defense um
Trible Maring	and the a warment of frame of frame
	7 132 13

•2: $G(m) = log m$ $G(n) = (log m)^2$ $G(n) = o(g(n))$
$\lim_{m\to\infty} \frac{f(n)}{g(n)} = \lim_{n\to\infty} \frac{1}{g(n)} = 0$ $\lim_{m\to\infty} \frac{f(n)}{g(n)} = \lim_{n\to\infty} \frac{1}{g(n)} = 0$
$3: f(n) = \log m$ $g(n) = \log m^{2}$ $\lim_{m \to \infty} f(n) = \lim_{m \to \infty} \frac{\log m}{\log m} = \lim_{m \to \infty} \frac{\log m}{2}$ $\lim_{m \to \infty} \frac{\log m}{\log m} = \lim_{m \to \infty} \frac{\log m}{2}$
$g(n) = 2^{m}$ $g(n) = 2^{m}$ $g(n) = 2^{m+1}$ $f(n) = 0$
$ \frac{1}{\sqrt{2n+1}} \frac{1}{\sqrt{2n+1}} \frac{1}{\sqrt{2n+2}} \frac{1}{\sqrt{2n+2}}$
$\lim_{m\to\infty} \frac{\beta(n)}{\beta(n)} = \frac{m!}{2^m} = \infty$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$\lim_{m \to \infty} f(n) = 2m^2 + 5m = m^2 (2 + 5m/m^2) = 2 f(m) = 0 g(m)$ $\int_{m \to \infty} f(n) = 2m^2 + 5m = m^2 (2 + 5m/m^2) = 2 f(m) = 0 g(m)$
Jano



$$9(m) = 2m^2 + 5m$$

$$\lim_{n\to\infty} = f(n) = 2m^2 + 5m = 2 = 0$$