

UNIVERSIDADE TECNOLÓGICA FEDERAL DO PARANÁ
CÂMPUS CORNÉLIO PROCÓPIO
DIRETORIA DE GRADUAÇÃO E EDUCAÇÃO PROFISSIONAL
DEPARTAMENTO DE COMPUTAÇÃO
ENGENHARIA DE SOFTWARE

RODRIGO MORETTO

**ANÁLISE COMPARATIVA ENTRE DIFERENTES MÉTODOS DE
COLISÃO 2D NA UNITY**

TRABALHO DE CONCLUSÃO DE CURSO

CORNÉLIO PROCÓPIO

2019

RODRIGO MORETTO

**ANÁLISE COMPARATIVA ENTRE DIFERENTES MÉTODOS DE
COLISÃO 2D NA UNITY**

Trabalho de Conclusão de Curso apresentada à disciplina de Trabalho de Conclusão de Curso da Universidade Tecnológica Federal do Paraná como requisito parcial para obtenção do grau de Bacharel em Engenharia de Software.

Orientador: Doutor Paulo Augusto Nardi

CORNÉLIO PROCÓPIO

2019

RESUMO

MORETTO, Rodrigo. Análise comparativa entre diferentes métodos de colisão 2D na Unity. f. Trabalho de Conclusão de Curso – Engenharia de Software, Universidade Tecnológica Federal do Paraná. Cornélio Procópio, 2019.

As colisões em jogos apresentam um fator importante durante seu desenvolvimento, pois elas irão influenciar no funcionamento da física e manipulação de eventos. Devido a isso, a escolha de qual o tipo de colisão deverá ser aplicada para determinado objeto ou evento deve ser bem organizada, com o intuito de causar o mínimo ou nenhuma falha durante a execução do jogo. Este trabalho apresentará as vantagens e desvantagens que cada colisão presente na plataforma de desenvolvimento de jogos (game engine) Unity oferece.

Palavras-chave: Jogos Digitais, Unity, Game Engine, Colisão, 2D, Desenvolvimento

ABSTRACT

MORETTO, Rodrigo. Comparative analysis between different 2D collision methods on Unity. f. Trabalho de Conclusão de Curso – Engenharia de Software, Universidade Tecnológica Federal do Paraná. Cornélio Procópio, 2019.

Collisions in games present an important factor during its development, because they will conduct the operation of physics and event manipulation. Due to that, the choice of which collision type must be applied to a specific object or event should be well organized, with the intention to cause the minimum or no fail during the game execution. This work will show the advantages and disadvantages that each collision available on the game development platform (game engine) Unity can offer.

Keywords: Digital Games, Unity, Game Engine, Collision, 2D, Development

LISTA DE FIGURAS

LISTA DE TABELAS

TABELA 1	– 1 Objeto Pre-Runtime Polygon OnCollisionEnter2D	7
TABELA 2	– 1 Objeto Pre-Runtime Polygon OnCollisionExit2D	10
TABELA 3	– 1 Objeto Pre-Runtime Polygon OnCollisionStay2D	13
TABELA 4	– 1 Objeto Pre-Runtime Polygon OnTriggerEnter2D	18
TABELA 5	– 1 Objeto Pre-Runtime Polygon OnTriggerExit2D	19
TABELA 6	– 1 Objeto Pre-Runtime Polygon OnTriggerStay2D	20
TABELA 7	– 1 Objeto Pre-Runtime Polygon Physics2DSimulate	22
TABELA 8	– 10 Objetos Pre-Runtime Polygon OnCollisionEnter2D	30
TABELA 9	– 10 Objetos Pre-Runtime Polygon OnCollisionExit2D	35
TABELA 10	– 10 Objetos Pre-Runtime Polygon OnCollisionStay2D	39
TABELA 11	– 10 Objetos Pre-Runtime Polygon OnTriggerEnter2D	46
TABELA 12	– 10 Objetos Pre-Runtime Polygon OnTriggerExit2D	48
TABELA 13	– 10 Objetos Pre-Runtime Polygon OnTriggerStay2D	51
TABELA 14	– 10 Objetos Pre-Runtime Polygon Physics2DSimulate	56
TABELA 15	– 50 Objetos Pre-Runtime Polygon OnCollisionEnter2D	65
TABELA 16	– 50 Objetos Pre-Runtime Polygon OnCollisionExit2D	72
TABELA 17	– 50 Objetos Pre-Runtime Polygon OnCollisionStay2D	80
TABELA 18	– 50 Objetos Pre-Runtime Polygon OnTriggerEnter2D	87
TABELA 19	– 50 Objetos Pre-Runtime Polygon OnTriggerExit2D	94
TABELA 20	– 50 Objetos Pre-Runtime Polygon OnTriggerStay2D	100
TABELA 21	– 50 Objetos Pre-Runtime Polygon Physics2DSimulate	108
TABELA 22	– 100 Objetos Pre-Runtime Polygon OnCollisionEnter2D	117
TABELA 23	– 100 Objetos Pre-Runtime Polygon OnCollisionExit2D	124
TABELA 24	– 100 Objetos Pre-Runtime Polygon OnCollisionStay2D	132
TABELA 25	– 100 Objetos Pre-Runtime Polygon OnTriggerEnter2D	139
TABELA 26	– 100 Objetos Pre-Runtime Polygon OnTriggerExit2D	144
TABELA 27	– 100 Objetos Pre-Runtime Polygon OnTriggerStay2D	147
TABELA 28	– 100 Objetos Pre-Runtime Polygon Physics2DSimulate	155
TABELA 29	– 500 Objetos Pre-Runtime Polygon OnCollisionEnter2D	164
TABELA 30	– 500 Objetos Pre-Runtime Polygon OnCollisionExit2D	173
TABELA 31	– 500 Objetos Pre-Runtime Polygon OnCollisionStay2D	181
TABELA 32	– 500 Objetos Pre-Runtime Polygon OnTriggerEnter2D	189
TABELA 33	– 500 Objetos Pre-Runtime Polygon OnTriggerExit2D	192
TABELA 34	– 500 Objetos Pre-Runtime Polygon OnTriggerStay2D	195
TABELA 35	– 500 Objetos Pre-Runtime Polygon Physics2DSimulate	204
TABELA 36	– 1000 Objetos Pre-Runtime Polygon OnCollisionEnter2D	213
TABELA 37	– 1000 Objetos Pre-Runtime Polygon OnCollisionExit2D	222
TABELA 38	– 1000 Objetos Pre-Runtime Polygon OnCollisionExit2D	231
TABELA 39	– 1000 Objetos Pre-Runtime Polygon OnCollisionStay2D	240
TABELA 40	– 1000 Objetos Pre-Runtime Polygon OnTriggerEnter2D	249
TABELA 41	– 1000 Objetos Pre-Runtime Polygon OnTriggerExit2D	254
TABELA 42	– 1000 Objetos Pre-Runtime Polygon OnTriggerStay2D	262

TABELA 43 – 1000 Objetos Pre-Runtime Polygon Physics2DSimulate 271

SUMÁRIO

Apêndice A – TABELAS DE RESULTADOS - <i>POLYGON COLLIDER</i>	7
A.1 <i>PRE-RUNTIME</i>	7
A.1.1 Um Objeto	7
A.1.2 Dez Objetos	30
A.1.3 Cinquenta Objetos	65
A.1.4 Cem Objetos	117
A.1.5 Quinhentos Objetos	164
A.1.6 Mil Objetos	213
A.2 <i>RUNTIME</i>	
A.2.1 Um Objeto por segundo	
A.2.2 Dez Objetos por segundo	
A.2.3 Cinquenta Objetos por segundo	
A.2.4 Cem Objetos por segundo	
A.2.5 Quinhentos Objetos por segundo	
A.2.6 Mil Objetos por segundo	

	0.6%	1	0.09	0
70				
120				
	0.2%	1	0.01	0
130				
140				
	0.0%	1	0.00	0
		1		
	0.0%		0.00	0
150		1		0
	0.1%		0.01	
		1	0.01	0

160				
	0.0%			
170		1	0.00	0
	0.0%			
		1	0.00	0
180				
190				
	0.0%			
		1	0.00	0
200				

210				
	0.0%			
		1	0.00	0
220				
290				

Tabela 2: 1 Objeto Pre-Runtime Polygon OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
120				
	0.5%	1	0.10	0

130				
140	0.0%	1	0.00	0
	0.0%			
		1	0.00	0
	0.0%			
150				
		1	0.00	0
	0.0%	1		
160				

			0.00	0
	0.0%	1		0
170				
			0.00	
	0.0%	1	0.00	0
180				
190				
	0.0%	1	0.00	0
200				
210				
	0.0%	1	0.00	0

220	0.0%	1	0.00	0
290				

Tabela 3: 1 Objeto Pre-Runtime Polygon OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
70	0.5%	1	0.09	0
	0.0%	1	0.09	0
	0.0%	1	0.09	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0

	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
80	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
90	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
100	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
110	0.0%	1	0.01	0

	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
120	0.0%	1	0.00	
	0.0%	1	0.00	
	0.0%		0.00	0
			0.00	0
		1	0.00	0
	0.0%	1		0
	0.0%	1		0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
130	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	
140	0.0%	1	0.00	
	0.0%		0.00	0
			0.00	0
		1	0.00	0
	0.0%	1		0

	0.0%	1		0
	0.0%	1	0.00	0
	0.0%	1	0.00	
	0.0%	1	0.00	
	0.0%		0.00	0
150			0.00	0
		1	0.00	
	0.0%	1		
	0.0%			0
			0.00	0
		1	0.00	0
	0.0%	1		0
	0.0%	1		0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
160	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.01	
	0.0%	1	0.00	
	0.0%		0.00	0
170			0.00	
		1	0.00	
	0.0%			0
				0
		1	0.00	0
	0.0%	1		0
	0.0%	1		0
	0.0%	1	0.00	0
	0.0%	1	0.01	0

	0.0%	1	0.00	0
180	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.1%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	
190	0.0%	1	0.00	
	0.0%		0.00	
			0.01	
			0.01	
				0
				0
		1		0
200	0.0%	1		0
	0.0%	1		0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
210	0.0%	1	0.01	0
	0.0%	1	0.01	
	0.0%	1	0.01	

	0.0%		0.00	
			0.00	
			0.00	
				0
				0
		1		
	0.0%	1		
220	0.0%			
			0.00	
			0.00	
230				
290				

Tabela 4: 1 Objeto Pre-Runtime Polygon OnTriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
40				
	1.8%	1	0.33	32
50				
290				

Tabela 5: 1 Objeto Pre-Runtime Polygon OnTriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				

60				
	0.6%	1	0.10	0
70				
290				

Tabela 6: 1 Objeto Pre-Runtime Polygon OnTriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
40				

	0.6%	1	0.10	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
50	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
60	0.0%	1	0.00	0
	0.0%	2	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
70				
290				

Tabela 7: 1 Objeto Pre-Runtime Polygon Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	1.0%	6	0.32	0
	0.7%	2	0.17	0
	0.5%	1	0.09	0
	0.4%	1	0.08	0
	0.6%	1	0.07	0
	0.5%	1	0.08	0
	0.4%	1	0.08	0
	0.4%	1	0.08	0
10				0
	0.7%	1	0.12	0
	0.5%	1	0.08	
	0.5%	1	0.08	0
	0.4%	1	0.08	0
	0.6%	1	0.07	0
	0.4%	1	0.11	0
	0.5%	1	0.08	0
	0.5%	1	0.08	0
	0.6%	1	0.08	0
20	0.6%	1	0.11	0
	0.5%	1	0.10	0
	0.4%	1	0.09	0
	0.8%	1	0.07	0
	0.8%	1	0.14	0
	0.8%	1	0.14	0
	0.4%	1	0.07	0
	0.4%	1	0.07	0
	0.6%	1	0.10	0
	0.6%	1	0.11	0
30	0.2%	1	0.10	0
	1.5%	1	0.08	0

	10.4%	2	0.26	0
	1.3%	1	0.76	0
	0.5%	1	0.20	0
			0.08	0
	1.1%	2		0
			0.19	0
	0.4%	1		
	0.5%	1	0.08	0
40	0.5%	1	0.08	
	0.8%	1	0.13	0
	0.5%	1	0.09	0
	0.5%	1	0.09	0
	3.0%	1	0.54	0
	1.5%	1	0.15	0
	0.7%	1	0.23	0
	0.9%	1	0.12	72
	0.9%	1	0.15	0
	0.6%	1	0.16	0
50	1.8%	1	0.11	0
	0.7%	1	0.29	0
	1.2%	1	0.11	0
	0.9%	1	0.20	0
	0.6%	1	0.15	0
	0.7%	1	0.10	0
	1.1%	1	0.18	0
	0.9%	1	0.15	0
	0.8%	1	0.16	0
	0.7%	1	0.10	0
60	0.9%	1	0.26	0
	0.7%	1	0.15	0
	0.3%	1	0.11	0
	1.6%	2	0.11	0
	2.5%	1	0.26	0
	0.9%	1	0.13	0

	0.6%	1	0.15	0
	1.3%	1	0.10	0
	0.8%	1	0.22	0
	0.5%	1	0.13	0
70	1.0%	1	0.09	0
	0.6%	1	0.10	0
	1.7%	1	0.28	0
	1.5%	1	0.27	0
	1.1%	1	0.17	3600
	1.0%	1	0.15	3600
	1.0%	1	0.17	3600
	0.9%	1	0.17	3600
	1.0%	1	0.15	3600
	0.9%	1	0.17	3600
80	0.9%	1	0.15	3600
	1.0%	1	0.16	3600
	1.0%	1	0.17	3600
	0.9%	1	0.16	3600
	0.9%	1	0.15	3600
	1.0%	1	0.15	3600
	0.9%	1	0.15	3600
	1.0%	1	0.17	3600
	0.9%	1	0.16	3600
	1.0%	1	0.16	3600
90	0.9%	1	0.14	3600
	1.0%	1	0.16	3600
	0.9%	1	0.17	3600
	1.0%	1	0.15	3600
	0.4%	1	0.16	3600
	0.7%	1	0.15	3600
	2.7%	1	0.14	3600
	1.0%	1	0.15	3600
	1.0%	1	0.16	3600
	0.9%	1	0.16	3600

100	1.0%	1	0.16	3600
	1.0%	1	0.16	3600
	0.9%	1	0.16	3600
	1.0%	1	0.16	3600
	1.0%	1	0.16	3600
	0.9%	1	0.16	3600
	0.9%	1	0.16	3600
	1.0%	1	0.16	3600
	0.9%	1	0.16	3600
	1.0%	1	0.15	3600
110	0.9%	1	0.16	3600
	0.9%	1	0.15	3600
	1.0%	1	0.16	3600
	0.9%	1	0.16	3600
	1.0%	1	0.15	3600
	0.9%	1	0.16	3600
	0.9%	1	0.16	3600
	0.9%	1	0.16	3600
	0.9%	1	0.15	3600
	0.9%	1	0.16	3600
120	1.1%	1	0.29	3600
	0.9%	1	0.17	3600
	0.9%	1	0.16	3600
	0.9%	1	0.16	3600
	0.9%	1	0.16	3600
	0.9%	1	0.15	3600
	0.9%	1	0.15	3600
	0.5%	1	0.29	3600
	1.6%	1	0.16	3600
	7.9%	1	0.29	3600
130	1.0%	1	0.42	3600
	0.9%	1	0.16	3600
	0.9%	1	0.17	3600
	0.9%	1	0.16	3600

	1.0%	1	0.16	3600
	1.0%	1	0.16	3600
	1.0%	1	0.16	3600
	1.0%	1	0.16	3600
	0.9%	1	0.16	3600
	0.9%	1	0.16	3600
140	0.9%	1	0.16	3600
	1.0%	1	0.17	3600
	0.9%	1	0.16	3600
	0.9%	1	0.16	3600
	1.0%	1	0.16	3600
	1.3%	1	0.16	3600
	1.0%	1	0.15	3600
	0.9%	1	0.16	3600
	1.1%	1	0.16	3600
	0.9%	1	0.16	3600
150	1.0%	1	0.23	3600
	0.9%	1	0.17	3600
	0.9%	1	0.16	3600
	0.9%	1	0.16	3600
	1.0%	1	0.16	3600
	0.5%	1	0.16	3600
	0.8%	1	0.15	3600
	8.5%	1	0.15	3600
	1.0%	1	0.16	3600
	1.0%	1	0.17	3600
160	1.0%	1	0.16	3600
	1.0%	1	0.19	3600
	0.9%	1	0.49	3600
	1.0%	1	0.16	3600
	1.0%	1	0.17	3600
	1.0%	1	0.16	3600
	1.0%	1	0.17	3600
	1.0%	1	0.16	3600

	1.0%	1	0.16	3600
	1.0%	1	0.16	3600
170	1.0%	1	0.18	3600
	1.0%	1	0.16	3600
	1.1%	1	0.17	3600
	1.0%	1	0.16	3600
	0.9%	1	0.18	3600
	1.0%	1	0.17	3600
	0.9%	1	0.16	3600
	1.0%	1	0.17	3600
	1.0%	1	0.17	3600
	0.9%	1	0.16	3600
180	1.0%	1	0.16	3600
	1.1%	1	0.16	3600
	1.0%	1	0.16	3600
	0.9%	1	0.17	3600
	1.0%	1	0.15	3600
	0.5%	1	0.19	3600
	1.0%	1	0.17	3600
	7.9%	1	0.17	3600
	0.9%	1	0.15	3600
	0.9%	1	0.16	3600
190	0.9%	1	0.15	3600
	0.9%	1	0.21	3600
	0.9%	1	0.42	3600
	0.9%	1	0.16	3600
	0.9%	1	0.15	3600
	0.7%	1	0.16	3600
	0.7%	1	0.16	3600
	0.8%	1	0.17	3600
	0.7%	1	0.15	3600
	0.8%	1	0.16	3600
200	0.7%	1	0.12	3600
	1.0%	1	0.12	3600

	1.0%	1	0.13	0
	1.0%	1	0.12	0
	1.1%	1	0.13	0
	1.0%	1	0.13	0
	0.9%	1	0.17	0
	1.1%	1	0.17	0
	1.0%	1	0.16	3600
	0.9%	1	0.18	3600
210	1.0%	1	0.17	3600
	1.0%	1	0.17	3600
	0.9%	1	0.17	3600
	1.0%	1	0.17	3600
	1.0%	1	0.16	3600
	0.7%	1	0.17	3600
	1.0%	1	0.17	3600
	5.0%	1	0.16	3600
	0.8%	1	0.16	3600
	0.8%	1	0.17	3600
220	1.1%	1	0.20	3600
	1.0%	1	0.21	3600
	1.0%	1	0.27	3600
	1.0%	1	0.13	3600
	0.8%	1	0.13	0
	0.7%	1	0.18	0
	0.8%	1	0.18	0
	0.8%	1	0.17	3600
	0.8%	1	0.17	3600
	0.7%	1	0.14	3600
230	0.7%	1	0.12	3600
	0.8%	1	0.14	0
	0.8%	1	0.13	0
	0.7%	1	0.13	0
	0.7%	1	0.12	0
	0.7%	1	0.12	0

	0.8%	1	0.13	0
	0.8%	1	0.13	0
	0.7%	1	0.12	0
	0.4%	1	0.13	0
240	0.9%	1	0.12	0
	0.8%	1	0.13	0
	0.8%	1	0.13	0
	0.8%	1	0.12	0
	0.7%	1	0.10	0
	0.4%	1	0.11	0
	0.8%	1	0.13	0
	6.4%	1	0.14	0
	0.7%	1	0.14	0
	0.8%	1	0.11	0
250	0.7%	1	0.14	0
	0.8%	1	0.14	0
	0.7%	1	0.34	0
	0.8%	1	0.11	0
	0.7%	1	0.14	0
	0.8%	1	0.11	0
	0.6%	1	0.14	0
	0.8%	1	0.12	0
	0.8%	1	0.13	0
	0.7%	1	0.12	0
260	0.8%	1	0.13	0
	0.8%	1	0.11	0
	0.7%	1	0.13	0
	0.9%	1	0.13	0
	0.7%	1	0.12	0
	0.7%	1	0.13	0
	0.7%	1	0.14	0
	0.8%	1	0.12	0
	0.7%	1	0.14	0
	0.7%	1	0.13	0

270	0.8%	1	0.11	0
	0.7%	1	0.12	0
	0.9%	1	0.12	0
	0.7%	1	0.11	0
	0.7%	1	0.12	0
	0.4%	1	0.12	0
	0.6%	1	0.12	0
	4.2%	1	0.16	0
	0.7%	1	0.13	0
	0.7%	1	0.12	0
280	0.7%	1	0.13	0
	0.7%	1	0.12	0
	0.7%	1	0.21	0
	0.7%	1	0.12	0
	0.8%	1	0.12	0
	0.8%	1	0.12	0
	0.7%	1	0.12	0
	0.8%	1	0.13	0
	0.7%	1	0.12	0
	0.7%	1	0.13	0
290	0.5%	1	0.12	0
	1.5%	1	0.12	0
	0.8%	1	0.13	0

A.1.2 DEZ OBJETOS

Tabela 8: 10 Objetos Pre-Runtime Polygon OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
60				
	0.4%	1	0.09	0
70				
		1	0.00	0
	0.0%			
		2	0.00	0
80				
	0.0%			
	0.0%	2	0.00	0
	0.0%	2	0.00	
	0.0%	2		
				0
			0.00	0
	0.0%	2	0.00	

	0.0%	2	0.00	
90				
				0
	0.0%	2	0.00	0
100				
	0.0%	2	0.00	
110				
				0
	0.0%	1	0.00	0
	0.0%			0
		3	0.00	
	0.0%	2	0.00	
120	0.0%	1		

130				0
				0
			0.00	
	0.0%	1		
				0
			0.00	0
	0.0%	2	0.00	
	0.0%	2	0.00	
140				
160				
				0
	0.0%	2	0.00	
170				0
	0.0%	1	0.00	

180				
				0
				0
	0.0%	2	0.00	
190	0.0%	1	0.00	
				0
	0.0%	1	0.00	
200				
290				

Tabela 9: 10 Objetos Pre-Runtime Polygon OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
80				
	1.0%	2	0.16	
	0.0%			0
		2	0.00	
	0.0%			
	0.0%			0
90		2	0.00	
		2		0
	0.0%		0.00	0
		2		
	0.0%	2		

100				
			0.00	0
			0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	
110				
				0
	0.0%	1	0.00	0
	0.0%	2	0.00	
	0.0%	1	0.00	
120				
				0
	0.0%	2	0.00	
				0

130	0.0%	2	0.00	0
	0.0%	1	0.00	
140				0
	0.0%	2	0.00	
				0
	0.0%	1	0.00	
	0.0%			
	0.0%			
150				
				0
160		2	0.00	
	0.0%			

170				
				0
		2	0.00	
	0.0%			0
		1	0.00	
180				
190				
				0
				0
		2	0.00	
	0.0%			
				0
			0.00	0

	0.0%			
200				
290				

Tabela 10: 10 Objetos Pre-Runtime Polygon OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
70	0.7%	1	0.11	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
80	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.1%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
90	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
100	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
		4	0.00	0
	0.0%	4	0.00	
	0.0%	4	0.00	0
	0.0%	4	0.00	0

	0.0%		0.00	0
	0.0%	4	0.00	0
110	0.0%	4		0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	3	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	4	0.00	0
120	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
130	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
140	0.0%	6	0.00	0
	0.0%	6	0.00	0

	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	3	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
150	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	1	0.00	0
160	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	3	0.00	0
170	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	1	0.00	0
	0.0%	3	0.00	0

	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
180	0.0%	2	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.1%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
190	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	3	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
200	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

210	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
220	0.0%	2	0.01	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
230	0.1%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
240	0.0%	2	0.00	0
		2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.01	
	0.0%		0.01	0
	0.0%	2	0.00	0
	0.0%	2		0
		2	0.00	0
	0.0%	2	0.00	0
250	0.0%	2	0.00	0
	0.0%	4	0.00	
	0.0%		0.01	0
	0.0%	2	0.00	0
	0.0%	2		0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	2	0.01	0
	0.0%	1	0.00	0
260	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
270	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0

	0.0%	1	0.00	0
	0.0%	1	0.01	0
280	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
290	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0

Tabela 11: 10 Objetos Pre-Runtime Polygon OnTriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
40				
	1.7%	1	0.28	32
50	0.0%	1	0.00	0
60				
	0.0%	1	0.00	0
70				
	0.0%	1	0.00	0

80				
	0.0%	1	0.00	0
90				
120	0.0%	1	0.00	0
290				

Tabela 12: 10 Objetos Pre-Runtime Polygon OnTriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
60				
	0.5%	1	0.09	0
70				
	0.1%	1	0.01	0
	0.1%			
80				
100				

		1	0.00	0
	0.0%			
110				
		1	0.00	0
	0.0%	1		
120				
			0.00	0
	0.0%	1		0
130				
170				
			0.00	
	0.0%	1	0.00	0

180				
290				

Tabela 13: 10 Objetos Pre-Runtime Polygon OnTriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
40				
	0.6%	1	0.10	0
	0.0%	1	0.00	0

	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
50	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
60	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	2	0.00	0
70	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	2	0.00	0
	0.1%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
80	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.01	0
	0.0%	3	0.00	0
90	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.1%	3	0.02	0
	0.1%	3	0.01	0
	0.0%	3	0.01	0
	0.0%	3	0.01	0
	0.0%	3	0.00	0
	0.0%	3	0.01	0
	0.0%	3	0.01	0
	0.0%	3	0.00	0
100	0.1%	3	0.01	0
	0.1%	3	0.01	0
	0.1%	3	0.01	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.1%	3	0.02	0
	0.0%	3	0.00	0
	0.1%	2	0.01	0
	0.1%	2	0.01	0
110	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
120	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.2%	2	0.04	0
	0.0%	2	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
130	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
140	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0

	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
150	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
160	0.1%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.1%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
170	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
180				

290				

Tabela 14: 10 Objetos Pre-Runtime Polygon Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	1.3%	6	0.61	0
	4.6%	2	0.74	0
	4.6%	1	0.36	0
	3.3%	1	0.12	0
	0.9%	1	0.63	0
	3.7%	1	0.71	0
	4.3%	1	0.71	0
	0.7%	1	0.12	0
10	0.8%	1	0.14	0
	1.3%	1	0.21	0
	3.8%	1	0.63	0
	0.8%	1	0.14	0
	0.8%	1	0.13	0
	0.6%	1	0.12	0
	3.3%	1	0.54	0
	0.8%	1	0.14	0
	0.6%	1	0.11	0
	0.8%	1	0.13	0

20	0.8%	1	0.53	0
	3.3%	1	0.11	0
	0.7%	1	0.11	0
	0.7%	1	0.11	0
	0.7%	1	0.11	0
	3.1%	1	0.52	0
	0.8%	1	0.13	0
	0.9%	1	0.15	0
	0.7%	1	0.13	0
	3.1%	1	0.53	0
30	0.4%	1	0.11	0
	1.2%	1	0.12	0
	3.3%	1	0.52	0
	0.8%	1	0.12	0
	3.3%	1	0.13	0
	0.7%	1	0.54	0
	3.3%	1	0.12	0
	0.7%	1	0.12	0
	0.7%	1	0.13	0
	3.3%	1	0.54	0
40	0.7%	1	0.13	0
	0.7%	1	0.11	0
	3.5%	1	0.58	0
	0.8%	1	0.12	0
	0.6%	1	0.12	0
	5.5%	1	0.93	72
	1.6%	1	0.24	0
	0.7%	1	0.13	0
	3.6%	1	0.59	0
	3.5%	1	0.14	0
50	0.9%	1	0.15	0
	1.0%	1	0.62	0
	3.5%	1	0.16	0
	0.9%	1	0.16	0

	1.1%	1	0.17	0
	3.4%	1	0.59	0
	0.9%	1	0.16	0
	1.0%	1	0.16	0
	3.8%	1	0.66	0
	1.1%	1	0.17	0
60	0.9%	1	0.16	0
	3.6%	1	0.60	0
	1.0%	1	0.17	0
	0.6%	1	0.17	0
	3.5%	1	1.39	0
	12.8%	1	0.17	0
	1.4%	1	0.16	0
	0.9%	1	0.60	0
	3.5%	1	0.18	0
	1.0%	1	0.16	0
70	1.5%	1	0.26	0
	3.4%	1	0.60	0
	1.1%	1	0.18	0
	1.1%	1	0.19	0
	4.5%	1	0.83	3600
	2.2%	1	0.36	3600
	1.6%	1	0.25	3600
	4.0%	1	0.67	3600
	1.6%	1	0.26	3600
	3.6%	1	0.26	3600
80	1.5%	1	0.69	7100
	4.0%	1	0.28	7100
	1.7%	1	0.31	14200
	2.0%	1	0.33	14200
	3.6%	1	0.65	14200
	2.2%	1	0.33	14200
	1.7%	1	0.30	14200
	4.0%	1	0.67	14200

	2.1%	1	0.33	21300
	2.1%	1	0.36	28400
90	3.8%	1	0.65	28400
	3.6%	1	0.57	28400
	2.0%	1	0.36	28400
	4.6%	1	0.75	35500
	4.7%	1	0.39	28400
	2.3%	1	0.39	28400
	2.4%	1	0.72	28400
	2.6%	1	0.55	14200
	4.9%	1	0.40	21300
	3.7%	1	0.45	21300
100	4.7%	1	0.75	14200
	2.2%	1	0.36	14200
	2.6%	1	0.44	14200
	3.8%	1	0.70	14200
	3.8%	1	0.40	14200
	4.1%	1	0.44	21300
	2.5%	1	0.64	14200
	2.3%	1	0.52	28400
	3.9%	1	0.49	28400
	3.5%	1	0.45	28400
110	2.6%	1	0.67	28400
	3.8%	1	0.42	21300
	4.1%	1	0.56	14200
	2.5%	1	0.69	14200
	4.3%	1	0.49	14200
	3.0%	1	0.41	14200
	2.4%	1		
			0.67	14200
	3.8%	1	0.42	14200
	2.6%	1	0.39	14200
120	2.3%	1	0.58	14200
	3.5%	1	0.49	14200

	4.3%	1	0.36	14200
	2.2%	1	0.38	14200
	3.2%	1	0.51	7100
	2.8%	1	0.38	14200
	4.3%	1	0.62	14200
	2.9%	1	0.35	21300
	3.9%	1	0.37	21300
	2.1%	1	0.38	14200
130	2.2%	1	0.59	21300
	2.4%	1	0.49	21300
	4.7%	1	0.77	14200
	5.0%	1	0.65	14200
	4.3%	1	0.38	14200
	2.2%	1	0.39	14200
	2.4%	1	0.57	14200
	3.2%	1	0.38	14200
	2.4%	1	0.36	7100
	2.1%	1	0.61	7100
140	3.6%	1	0.52	7100
	3.6%	1	0.40	14200
	3.6%	1	0.89	7100
	3.1%	1	0.38	14200
	2.4%	1	0.42	7100
	5.3%	1	0.38	7100
	2.6%	1	0.81	14200
	4.7%	1	1.00	21300
	2.3%	1	0.38	21300
	2.9%	1	0.61	21300
150	3.6%	1	0.39	21300
	2.4%	1	0.40	14200
	2.4%	1	0.72	14200
	4.2%	1	0.38	14200
	2.3%	1	0.37	14200
	3.4%	1	0.55	14200

	3.1%	1	0.40	10700
	3.4%	1	0.52	10700
	2.0%	1	0.33	10700
	2.3%	1	0.38	10700
160	3.3%	1	0.33	10700
	2.3%	1	0.40	10700
	2.4%	1	0.58	10700
	3.4%	1	0.33	10700
	1.2%	1	0.41	10700
	4.2%	1	0.51	10700
	3.4%	1	0.32	10700
	2.0%	1	0.36	10700
	2.1%	1	0.53	10700
	3.3%	1	0.33	10700
170	2.0%	1	0.39	3600
	3.1%	1	0.54	3600
	2.3%	1	0.36	14200
	3.4%	1	0.38	3600
	2.1%	1	0.31	3600
	3.1%	1	0.52	10700
	2.2%	1	0.36	14200
	3.2%	1	0.37	10700
	1.9%	1	0.31	10700
	2.5%	1	0.57	10700
180	3.5%	1	0.35	10700
	2.2%	1	0.36	10700
	3.1%	1	0.33	14200
	2.2%	1	0.37	14200
	2.2%	1	0.51	14200
	3.1%	1	0.31	7100
	7.2%	1	0.36	7100
	1.9%	1	0.53	7100
	2.2%	1	0.33	10700
	2.1%	1	0.33	7100

190	1.8%	1	0.57	3600
	7.2%	1	0.30	3600
	3.5%	1	0.36	3600
	1.8%	1	0.54	3600
	2.0%	1	0.33	10700
	3.3%	1	0.31	3600
	1.9%	1	0.35	3600
	1.3%	1	0.95	3600
	7.2%	1	0.32	3600
	2.8%	1	0.36	3600
200	2.1%	1	0.59	10700
	3.3%	1	0.33	14200
	3.2%	1	0.36	14200
	2.2%	1	0.59	7100
	2.1%	1	0.32	14200
	3.5%	1	0.37	14200
	2.3%	1	0.40	7100
	2.4%	1	0.62	7100
	3.9%	1	0.43	3600
	3.3%	1	0.34	7100
210	2.5%	1	0.57	7100
	2.2%	1	0.38	7100
	3.3%	1	0.32	7100
	2.2%	1	0.38	7100
	3.3%	1	0.56	7100
	2.3%	1	0.32	7100
	1.9%	1	0.54	7100
	1.9%	1	0.32	7100
	3.1%	1	0.32	7100
	2.0%	1	0.31	7100
220	1.9%	1	0.52	7100
	3.2%	1	0.33	7100
	1.7%	1	0.31	7100
	3.6%	1	0.32	7100

	1.9%	1	0.33	7100
	1.9%	1	0.51	7100
	1.9%	1	0.33	7100
	2.0%	1	0.34	7100
	3.9%	1	0.31	7100
	2.3%	1	0.56	7100
230	1.9%	1	0.41	7100
	3.2%	1	0.36	7100
	4.2%	1	0.34	7100
	3.0%	1	0.54	7100
	3.0%	1	0.31	7100
	1.8%	1	0.33	7100
	2.0%	1	0.54	7100
	3.2%	1	0.31	7100
	1.8%	1	0.33	7100
	1.9%	1	0.54	7100
240	7.1%	1	0.31	7100
	2.1%	1	0.38	7100
	7.1%	1	0.51	7100
	7.1%	1	0.32	7100
	2.9%	1	0.54	7100
	1.8%	1	0.34	7100
	2.4%	1	0.53	7100
	3.2%	1	0.34	7100
	3.2%	1	0.32	7100
	2.0%	1	0.34	7100
250	3.2%	1	0.34	7100
	7.1%	1	0.34	7100
	3.2%	1	0.61	
	3.2%	1	0.55	7100
	2.0%	1	0.33	7100
	2.0%	1	0.32	7100
	3.7%	1	0.55	7100
	2.0%	1		7100

	2.1%	1	0.34	7100
	3.2%	1	0.56	7100
260	1.9%	1	0.33	14200
	1.9%	1	0.54	
	1.9%		0.33	7100
	1.9%	1	0.54	7100
	1.9%	1	0.54	7100
	1.9%	1	0.54	7100
		1	0.80	7100
	3.5%	1		7100
	1.9%	2	0.55	3600
	7.1%		0.32	3600
270	7.1%	1	0.34	3600
		1	0.56	3600
	3.0%	1	0.32	3600
	2.1%	1	0.33	3600
	2.0%	1	0.58	3600
	3.2%	1	0.30	3600
	2.0%	1	0.34	3600
	1.9%	1	0.54	3600
	3.3%	1	0.32	3600
	1.9%	1	0.33	3600
280	1.8%	1	0.63	3600
	3.6%	1	0.33	3600
	1.8%	1	0.45	3600
	1.8%	1	0.54	3600
	3.9%	1	0.29	3600
	2.0%	1	0.32	3600
	2.9%	1	0.54	3600
	3.5%	1	0.31	3600
	1.7%	1	0.34	3600
	1.9%	1	0.55	3600
290	3.2%	1	0.30	3600
	2.0%	1	0.34	3600

	2.0%	1	0.56	3600
	3.3%	1	0.32	3600
	1.7%	1	0.35	3600
	2.1%	1	1.11	3600
	3.2%	1	0.79	3600
	2.0%	1	0.71	3600
	2.0%	1	0.58	3600

A.1.3 CINQUENTA OBJETOS

Tabela 15: 50 Objetos Pre-Runtime Polygon OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.9%	2	0.15	0

70				
	0.0%	4	0.00	0
	0.0%			
		2	0.00	0
	0.0%			
80		4	0.00	0
	0.0%	4	0.00	0
	0.0%	2		0
			0.00	
	0.0%	2	0.00	0
	0.0%	6	0.00	0
90				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
100	0.0%	4	0.00	0
	0.0%			
		2	0.00	0
	0.0%	4	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
110	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
120	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	12	0.00	0
	0.0%	16	0.00	0
	0.0%	12	0.00	0
	0.0%	14	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	8	0.00	0
130	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	18	0.00	0
	0.0%	14	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	14	0.00	0

	0.0%	8	0.00	0
	0.0%	8	0.00	0
140	0.0%	18	0.00	0
	0.0%	12	0.00	0
	0.0%	16	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	14	0.01	0
	0.0%	14	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
150	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	14	0.00	0
	0.0%	10	0.00	0
	0.0%	14	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	14	0.00	0
160	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
170	0.0%	6	0.00	0

	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%			
180		2	0.00	0
	0.0%	2	0.00	0
	0.0%	6		
			0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
190				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
200	0.0%	2	0.00	0
	0.0%			
		2	0.00	0
	0.0%			
		2	0.00	0
	0.0%	2		

			0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
210				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
220				
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
230				
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0

240	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%			
		4	0.00	0
250	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
260	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%			
270				

		4	0.00	0
	0.0%			
		4	0.00	0
	0.0%	2	0.00	0
	0.0%	4		0
			0.00	
280	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
290	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

Tabela 16: 50 Objetos Pre-Runtime Polygon OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
70				
	0.4%	2	0.10	0
80				
	0.0%	2	0.00	0
	0.0%			
		2	0.00	
	0.0%			
				0
		2	0.00	0
	0.0%	2	0.00	0
90	0.0%	2	0.00	0
	0.0%	4	0.00	
	0.0%			0
		2	0.00	
	0.0%			0
		2	0.00	
	0.0%			0

		4	0.00	0
	0.0%	2	0.00	0
	0.0%	2		
100				
			0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	
	0.0%	4	0.00	
				0
110	0.0%	2	0.00	0
				0
	0.0%	4	0.00	
	0.0%	2	0.00	0
	0.0%			0
		4	0.00	0
	0.0%	4		
	0.0%		0.00	0
		2	0.00	0
	0.0%	6	0.00	0
120	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.01	0
	0.0%	16	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
130	0.0%	2	0.00	0

	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.01	0
	0.0%	10	0.00	0
	0.0%	16	0.01	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0
140	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	8	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	14	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	16	0.00	0
	0.0%	10	0.00	0
150	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	14	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
160	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0

	0.0%	6		
			0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
170	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	
	0.0%	4		0
	0.0%		0.00	0
		2	0.00	0
180	0.0%	4	0.00	0
	0.0%	2		
			0.00	0
	0.0%	2	0.00	
				0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	
190	0.0%	4	0.00	0
	0.0%	4	0.00	
				0
				0
	0.0%	2	0.00	
	0.0%	6	0.00	0
				0
	0.0%	2	0.00	

	0.0%	4	0.00	0
200	0.0%			
		4	0.00	
	0.0%			0
				0
		6	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	
210				
				0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
		4	0.00	
	0.0%			0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
220	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%			
		8	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	
	0.0%			0
		4	0.00	0
230	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	4	0.00	
				0
	0.0%	4	0.00	
				0
240	0.0%	2	0.00	
				0
	0.0%	2	0.00	
	0.0%	6	0.00	0
				0
	0.0%	10	0.00	
	0.0%	4	0.00	
	0.0%			
250				0
				0
		2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
260	0.0%	4	0.00	
				0
	0.0%	4	0.00	
				0

	0.0%	2	0.00	0
		2	0.00	
270				
	0.0%			0
			0.00	
	0.0%	2		0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
280	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	
	0.0%			
				0
		6	0.00	
290	0.0%	2		0
			0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	
				0
	0.0%	2	0.00	0
	0.0%	4	0.00	
		2		0

Tabela 17: 50 Objetos Pre-Runtime Polygon OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.5%	2	0.16	0
	0.0%	2	0.09	0
70	0.0%	98	0.16	0
	0.0%	2	0.00	0
	0.5%	98	0.00	0
	0.5%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	16	0.00	0
	0.0%	6	0.01	0
	0.0%	6	0.00	0

80	0.0%	16	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	16	0.00	0
	0.0%	16	0.00	0
	0.0%	14	0.00	0
90	0.0%	12	0.00	0
	0.0%	22	0.00	0
	0.0%	10	0.05	0
	0.0%	22	0.00	0
	0.2%	12	0.00	0
	0.1%	12	0.00	0
	0.0%	22	0.00	0
	0.0%	18	0.01	0
	0.1%	18	0.00	0
	0.0%	20	0.00	0
100	0.0%	24	0.01	0
	0.0%	22	0.02	0
	0.0%	28	0.01	0
	0.1%	22	0.00	0
	0.3%	22	0.01	0
	0.1%	22	0.01	0
	0.0%	24	0.01	0
	0.0%	28	0.00	0
	0.0%	32	0.00	0
	0.0%	38	0.01	0
110	0.0%	50	0.01	0
	0.0%	40	0.01	0
	0.1%	42	0.01	0
	0.0%	44	0.01	0

	0.0%	50	0.01	0
	0.0%	46	0.02	0
	0.1%	50	0.01	0
	0.1%	44	0.02	0
	0.0%	50	0.02	0
	0.1%	50	0.02	0
120	0.1%	52	0.02	0
	0.1%	50	0.01	0
	0.1%	38	0.02	0
	0.1%	98	0.01	0
	0.1%	56	0.08	0
	0.1%	64	0.04	0
	0.1%	66	0.02	0
	0.0%	90	0.03	0
	0.3%	72	0.02	0
	0.2%	72	0.02	0
130	0.2%	90	0.02	0
	0.2%	78	0.03	0
	0.2%	80	0.04	0
	0.2%	82	0.03	0
	0.2%	90	0.03	0
	0.1%	90	0.03	0
	0.1%	84	0.08	0
	0.2%	92	0.03	0
	0.2%	86	0.03	0
	0.2%	90	0.05	0
140	0.2%	94	0.03	0
	0.4%	98	0.06	0
	0.2%	98	0.04	0
	0.3%	92	0.06	0
	0.1%	90	0.04	0
	0.2%	88	0.04	0
	0.2%	92	0.05	0
	0.2%	96	0.03	0

	0.3%	96	0.04	0
	0.2%	94	0.06	0
150	0.2%	82	0.03	0
	0.2%	92	0.06	0
	0.3%	190	0.04	0
	0.2%	96	0.03	0
	0.1%	202	0.03	0
	0.2%	96	0.03	0
	0.2%	96	0.04	0
	0.2%	92	0.03	0
	0.2%	88	0.03	0
	0.1%	94	0.09	0
160	0.3%	98	0.08	0
	0.5%	100	0.09	0
	0.3%	102	0.08	0
	0.2%	100	0.04	0
	0.3%	100	0.04	0
	0.3%	102	0.04	0
	0.3%	98	0.05	0
	0.2%	100	0.03	0
	0.2%	100	0.08	0
	0.5%	100	0.05	0
170	0.3%	96	0.04	0
	0.3%	100	0.08	0
	0.3%	98	0.05	0
	0.3%	100	0.05	0
	0.3%	100	0.05	0
	0.2%	106	0.05	0
	0.4%	100	0.05	0
	0.1%	102	0.05	0
	0.3%	104	0.06	0
	0.2%	102	0.06	0
180	0.3%	106	0.06	0
	0.1%	104	0.05	0

	0.3%	104	0.04	0
	0.3%	106	0.05	0
	0.3%	102	0.06	0
	0.1%	204	0.05	0
	0.3%	102	0.05	0
	0.4%	98	0.05	0
	0.3%	104	0.05	0
	0.3%	106	0.06	0
190	0.1%	98	0.06	0
	0.8%	106	0.05	0
	0.7%	102	0.04	0
	0.6%	106	0.05	0
	0.2%	104	0.06	0
	0.5%	98	0.13	0
	0.3%	98	0.07	0
	0.3%	100	0.04	0
	0.2%	98	0.05	0
	0.3%	102	0.09	0
200	0.3%	100	0.04	0
	0.3%	104	0.05	0
	0.7%	102	0.05	0
	0.2%	104	0.05	0
	0.3%	94	0.05	0
	0.3%	102	0.05	0
	0.3%	100	0.04	0
	0.3%	98	0.04	0
	0.3%	100	0.06	0
	0.2%	94	0.10	0
210	0.2%	100	0.04	0
	0.7%	96	0.05	0
	0.3%	102	0.04	0
	0.3%	102	0.05	0
	0.3%	104	0.04	0
	0.2%	94	0.05	0

	0.2%	94	0.05	0
	0.2%	104	0.04	0
	0.5%	88	0.04	0
	0.7%	98	0.04	0
220	0.7%	100	0.05	0
	0.7%	102	0.05	0
	0.3%	100	0.04	0
	0.3%	98	0.05	0
	0.3%	96	0.04	0
	0.2%	92	0.04	0
	0.3%	94	0.07	0
	0.2%	88	0.08	0
	0.3%	88	0.05	0
	0.2%	94	0.05	0
230	0.3%	92	0.05	0
	0.7%	94	0.05	0
	0.3%	88	0.06	0
	0.2%	88	0.04	0
	0.3%	92	0.06	0
	0.2%	90	0.05	0
	0.3%	90	0.04	0
	0.5%	92	0.04	0
	0.3%	88	0.04	0
	0.3%	90	0.12	0
240	0.2%	94	0.05	0
	0.3%	92	0.04	0
	0.2%	94	0.04	0
	0.6%	98	0.04	0
	0.4%	100	0.05	0
	0.5%	102	0.04	0
	0.5%	102	0.06	0
	0.3%	104	0.06	0
	0.5%	104	0.09	0
	0.6%	98	0.06	0

250	0.4%	98	0.08	0
	0.9%	96	0.05	0
	0.4%	92	0.06	0
	0.2%	92	0.08	0
	0.3%	96	0.05	0
	0.5%	100	0.16	0
	0.7%	100	0.16	0
	0.3%	100	0.14	0
	0.3%	98	0.07	0
	0.3%	98	0.05	0
260	0.2%	96	0.05	0
	0.3%	98	0.09	0
	0.3%	96	0.05	0
	0.2%	94	0.05	0
	0.3%	94	0.05	0
	0.2%	94	0.04	0
	0.4%	94	0.04	0
	0.3%	94	0.10	0
	0.3%	96	0.05	0
	0.3%	98	0.05	0
270	0.3%	98	0.04	0
	0.3%	98	0.04	0
	0.3%	98	0.06	0
	0.3%	98	0.05	0
	0.2%	98	0.04	0
	0.3%	98	0.05	0
	0.3%	96	0.06	0
	0.3%	96	0.05	0
	0.3%	96	0.05	0
	0.1%	98	0.04	0
280	0.2%	94	0.05	0
	0.6%	96	0.06	0
	0.4%	98	0.05	0
	0.2%	194	0.05	0

	0.3%	96	0.05	0
	0.5%	94	0.05	0
	0.2%	96	0.05	0
	0.2%	98	0.09	0
	0.4%	96	0.05	0
	0.2%	94	0.04	0
290	0.1%	96	0.05	0
	0.7%	98	0.09	0
	0.4%	98	0.05	0
	0.3%	190	0.03	0
	0.2%	96	0.06	0
	0.2%	96	0.04	0
	0.3%	96	0.06	0
	0.3%	94	0.10	0
	0.3%	94	0.05	0

Tabela 18: 50 Objetos Pre-Runtime Polygon OnTriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
30				

	2.4%	2	0.33	32
40				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
50				
	0.0%	2	0.00	0
60				
	0.0%	2	0.00	0
	0.0%	4	0.00	0

70				
	0.0%	4	0.00	0
	0.0%	2	0.00	0
80				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
90				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
100				

	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
110	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
120	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
130				
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
140				
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
150	0.0%	2	0.00	0
	0.0%	2	0.00	0
160				
	0.0%	2	0.00	0

170				
180				
	0.0%	2	0.00	0
190				
210	0.0%	2	0.00	0
220				
	0.0%	2	0.00	0

230				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
240				
	0.0%	2	0.00	0
250				
270	0.0%	2	0.00	0
	0.0%	2	0.00	0
280				

290				

Tabela 19: 50 Objetos Pre-Runtime Polygon OnTriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.7%	2	0.09	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
70	0.0%			
		2	0.00	0
	0.0%	2		
			0.00	0
	0.0%	2		0
80				
			0.00	
	0.0%	2	0.00	0
90				
	0.0%	2	0.00	0
100	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
110				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%			
120				
		6	0.00	0
	0.0%			
		2	0.00	0
	0.0%	4	0.00	0
	0.0%	4		0
130				
			0.00	
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
140				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
150				
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
160				
	0.0%	2	0.00	0
	0.0%			

170				
		2	0.00	0
	0.0%			
		2	0.00	0
180	0.0%	2		
200				
			0.00	0
	0.0%	2		0
210				
			0.00	
	0.0%	2	0.00	0
220				

	0.0%	2	0.00	0
230				
250				
	0.0%	2	0.00	0
260				
280	0.0%	2	0.00	0
	0.0%	2	0.00	0
290				

Tabela 20: 50 Objetos Pre-Runtime Polygon OnTriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
40	0.6%	2	0.00	0
	0.0%	2	0.11	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0

50	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.01	0
	0.0%	6	0.00	0
	0.0%	6	0.01	0
	0.0%	6	0.00	0
60	0.0%	6	0.00	0
	0.1%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.02	0
	0.0%	8	0.02	0
	0.0%	8	0.02	0
	0.1%	8	0.00	0
	0.1%	8	0.01	0
	0.1%	8	0.00	0
	0.1%	12	0.00	0
70	0.1%	12	0.00	0
	0.0%	8	0.01	0
	0.1%	10	0.02	0
	0.1%	8	0.02	0
	0.1%	8	0.02	0
	0.0%	8	0.01	0
	0.0%	8	0.02	0
	0.1%	12	0.02	0
	0.0%	10	0.02	0
	0.0%	8	0.02	0
80	0.1%	10	0.02	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.1%	8	0.01	0

	0.1%	10	0.03	0
	0.0%	10	0.00	0
	0.1%	10	0.00	0
	0.1%	10	0.00	0
	0.1%	8	0.02	0
	0.0%	10	0.02	0
90	0.1%	12	0.00	0
	0.0%	12	0.02	0
	0.1%	12	0.01	0
	0.0%	12	0.01	0
	0.2%	14	0.01	0
	0.0%	16	0.01	0
	0.1%	18	0.01	0
	0.0%	32	0.01	0
	0.0%	16	0.06	0
	0.0%	18	0.01	0
100	0.0%	20	0.01	0
	0.0%	18	0.01	0
	0.5%	18	0.01	0
	0.0%	18	0.01	0
	0.0%	18	0.01	0
	0.0%	24	0.01	0
	0.1%	22	0.01	0
	0.0%	22	0.06	0
	0.1%	22	0.01	0
	0.0%	22	0.01	0
110	0.0%	22	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	28	0.01	0
	0.1%	26	0.01	0
	0.1%	28	0.01	0
	0.1%	30	0.01	0
	0.1%	34	0.01	0

	0.1%	36	0.01	0
	0.1%	36	0.01	0
120	0.1%	36	0.03	0
	0.1%	36	0.01	0
	0.1%	38	0.01	0
	0.0%	38	0.01	0
	0.1%	42	0.02	0
	0.2%	42	0.01	0
	0.2%	46	0.02	0
	0.3%	46	0.02	0
	0.2%	88	0.02	0
	0.0%	46	0.03	0
130	0.1%	46	0.05	0
	0.1%	46	0.02	0
	0.1%	42	0.06	0
	0.1%	50	0.02	0
	0.2%	52	0.01	0
	0.1%	52	0.02	0
	2.1%	52	0.02	0
	0.1%	52	0.03	0
	0.1%	52	0.03	0
	0.1%	52	0.03	0
140	0.1%	50	0.02	0
	0.1%	50	0.42	0
	0.1%	52	0.03	0
	0.2%	52	0.02	0
	0.1%	50	0.02	0
	0.1%	50	0.02	0
	0.1%	52	0.03	0
	0.3%	50	0.03	0
	0.2%	48	0.03	0
	0.2%	50	0.02	0
150	0.2%	54	0.02	0
	0.1%	54	0.03	0

	0.0%	56	0.05	0
	0.2%	58	0.03	0
	0.3%	56	0.03	0
	0.3%	56	0.03	0
	0.6%	108	0.03	0
	0.2%	104	0.03	0
	0.2%	52	0.06	0
	0.1%	52	0.06	0
160	0.1%	50	0.04	0
	0.2%	50	0.10	0
	0.2%	50	0.04	0
	0.3%	52	0.03	0
	0.1%	52	0.02	0
	0.2%	52	0.02	0
	0.2%	52	0.03	0
	0.1%	52	0.03	0
	0.2%	52	0.05	0
	0.2%	52	0.03	0
170	0.2%	52	0.04	0
	0.2%	52	0.04	0
	0.1%	52	0.03	0
	0.1%	52	0.04	0
	0.2%	52	0.03	0
	0.1%	52	0.03	0
	0.1%	52	0.03	0
	0.2%	52	0.02	0
	0.1%	50	0.03	0
	0.2%	50	0.03	0
180	0.2%	50	0.03	0
	0.1%	50	0.03	0
	0.5%	50	0.03	0
	0.3%	50	0.02	0
	0.3%	48	0.04	0
	0.1%	48	0.03	0

	0.6%	96	0.04	0
	0.3%	48	0.13	0
	0.2%	48	0.06	0
	0.1%	48	0.04	0
190	0.1%	48	0.03	0
	0.2%	48	0.10	0
	0.2%	48	0.05	0
	0.2%	48	0.03	0
	0.2%	48	0.02	0
	0.3%	50	0.02	0
	0.1%	50	0.03	0
	0.2%	50	0.03	0
	0.3%	50	0.04	0
	0.2%	50	0.05	0
200	0.3%	50	0.05	0
	0.1%	50	0.03	0
	0.2%	50	0.03	0
	0.2%	50	0.05	0
	0.2%	50	0.03	0
	0.2%	50	0.05	0
	0.1%	50	0.03	0
	0.2%	50	0.04	0
	0.2%	50	0.04	0
	0.1%	50	0.04	0
210	0.2%	50	0.04	0
	0.0%	48	0.03	0
	0.2%	48	0.04	0
	0.8%	48	0.03	0
	0.2%	48	0.02	0
	0.2%	48	0.04	0
	0.2%	48	0.02	0
	0.2%	48	0.04	0
	0.1%	50	0.09	0
	0.1%	50	0.03	0

220	0.2%	48	0.03	0
	0.2%	48	0.04	0
	0.1%	48	0.04	0
	0.1%	48	0.02	0
	0.2%	48	0.03	0
	0.2%	48	0.04	0
	0.3%	46	0.03	0
	0.4%	46	0.03	0
	0.1%	46	0.02	0
	0.2%	48	0.04	0
230	0.2%	48	0.04	0
	0.2%	48	0.04	0
	0.2%	48	0.07	0
	0.2%	48	0.03	0
	0.1%	48	0.04	0
	0.1%	48	0.03	0
	0.3%	48	0.03	0
	2.1%	48	0.04	0
	0.2%	48	0.03	0
	0.4%	48	0.03	0
240	0.6%	48	0.03	0
	0.1%	48	0.04	0
	0.3%	48	0.31	0
	0.3%	48	0.05	0
	1.0%	50	0.06	0
	0.1%	100	0.09	0
	0.2%	50	0.03	0
	0.3%	52	0.08	0
	0.4%	52	0.04	0
	0.2%	54	0.15	0
250	0.2%	54	0.03	0
	0.1%	54	0.04	0
	0.1%	54	0.04	0
	0.4%	54	0.08	0

	0.3%	54	0.04	0
	0.2%	54	0.03	0
	0.2%	54	0.02	0
	0.2%	54	0.03	0
	0.1%	54	0.06	0
	0.2%	52	0.05	0
260	0.3%	52	0.04	0
	0.2%	52	0.04	0
	0.1%	52	0.03	0
	0.3%	52	0.03	0
	0.1%	52	0.04	0
	0.1%	52	0.05	0
	0.1%	52	0.04	0
	0.1%	52	0.02	0
	0.1%	52	0.06	0
	0.1%	52	0.02	0
270	0.2%	52	0.02	0
	0.1%	52	0.03	0
	0.4%	52	0.02	0
	0.4%	52	0.03	0
	0.3%	52	0.02	0
	0.1%	52	0.03	0
	0.2%	104	0.03	0
	0.2%	52	0.11	0
	0.2%	54	0.06	0
	0.2%	54	0.04	0
280	0.1%	54	0.03	0
	0.3%	54	0.03	0
	0.0%	54	0.04	0
	0.4%	56	0.05	0
	0.3%	54	0.03	0
	0.2%	54	0.03	0
	0.2%	108	0.05	0
	0.2%	54	0.04	0

	0.2%	54	0.05	0
	0.2%	54	0.03	0
290	0.2%	54	0.04	0
	0.1%	52	0.03	0
	0.1%	52	0.03	0
	0.2%	52	0.03	0
	0.2%	52	0.03	0
	0.1%	52	0.04	0
	0.1%	52	0.03	0
	0.2%	52	0.03	0
	0.2%	52	0.04	0

Tabela 21: 50 Objetos Pre-Runtime Polygon Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	3.9%	6	1.73	0
	9.6%	2	4.28	0
	1.9%	2	3.59	348400
	1.8%	1	4.28	0
	24.0%	1	0.75	348400
	24.0%	1	0.27	0
	1.6%	1	2.99	0
	1.6%	1	0.26	0
10	14.6%	1	2.85	0
	2.1%	1	0.27	0
	2.0%	1	0.28	0
	1.6%	1	0.31	0
	1.9%	1	2.86	0
	14.7%	1	3.26	0
	1.6%	1	0.27	0
	2.3%	1	0.32	0
	1.7%	1	0.28	0

	2.1%	1	3.99	0
20	2.0%	1	3.99	355500
	1.5%	1	3.47	355500
	29.6%	1	0.27	0
	14.8%	1	0.33	0
	29.6%	1	0.25	0
	1.8%	1	0.25	0
	1.7%	1	0.29	0
	1.4%	1	0.25	0
	16.1%	1	2.92	0
	2.4%	1	0.25	
30	1.8%			0
		1	0.30	0
	1.0%	1	7.28	7100
	6.6%	2	0.35	0
	15.2%	1	3.59	0
	2.2%	1	4.50	0
	16.4%	1	0.28	355500
	2.0%	1	4.50	0
	24.9%	1	0.33	355500
	2.3%	1	2.98	0
40	24.9%	1	0.29	0
	5.0%	1	0.39	0
	2.6%	1	0.69	112
	16.0%	1	3.04	0
	2.6%	1	0.38	0
	19.5%	1	0.35	0
	2.1%	1	3.10	0
	16.7%	1	0.36	0
	2.6%	1	0.35	0
	1.9%	1	1.95	78200
50	2.1%	1	3.14	0
	17.3%	1	0.34	80
	2.3%	1	0.34	0

	2.1%	1	3.13	0
	16.5%	1	3.26	0
	2.6%	1	0.36	0
	16.7%	1	0.41	0
	2.5%	1	3.26	0
	2.2%	1	0.34	0
	4.0%	1	0.38	0
60	15.9%	1	3.15	80
	4.0%	1	0.44	0
	3.1%	1	0.39	42700
	2.3%	1	3.20	42700
	9.0%	1	0.57	0
	2.6%	1	3.76	0
	2.4%	1	3.76	0
	20.3%	1	0.55	0
	4.3%	1	3.65	7100
	2.4%	1	3.59	0
70	17.1%	1	3.27	0
	3.4%	1	0.48	0
	4.5%	1	0.76	7100
	3.8%	1	3.59	7100
	17.8%	1	0.66	355500
	7.3%	1	0.65	355500
	4.4%	1	1.01	7100
	20.8%	1	0.74	7100
	4.0%	1	4.77	7100
	10.9%	1	1.24	21300
80	4.8%	1	0.70	21300
	18.8%	1	3.72	21300
	5.1%	1	3.76	21300
	4.0%	1	0.66	355500
	18.2%	1	3.59	21300
	7.0%	1	1.01	355500
	5.0%	1	0.83	42700

	19.0%	1	3.76	21300
	19.5%	1	0.82	35500
	19.5%	1	0.93	42700
90	6.2%	1	3.65	42700
	5.5%	1	0.90	42700
	19.8%	1	1.95	42700
	6.4%	1	0.99	64000
	5.7%	2	1.95	78200
	26.9%	1	3.54	57000
	19.5%	1	3.84	78200
	11.1%	1	1.33	56900
	15.3%	1	1.95	49800
	34.7%	1	1.38	99500
100	19.5%	1	3.22	42700
	9.7%	1	1.53	78200
	9.6%	1	4.04	49800
	20.3%	1	1.95	177700
	11.1%	1	4.13	49800
	26.9%	1	2.19	71100
	26.9%	1	4.94	78200
	14.6%	1	1.83	78200
	14.1%	1	3.22	85300
	26.9%	1	3.22	99500
110	26.6%	1	4.63	99500
	14.8%	1	3.22	106600
	14.0%	1	2.52	99500
	25.4%	1	2.84	177700
	17.6%	1	5.03	177700
	46.8%	1	2.98	99500
	16.1%	1	2.94	99500
	26.9%	1	4.80	177700
	22.2%	1	9.23	113800
	15.5%	1	3.22	142200
120	28.8%	1	3.57	312800

	21.5%	1	5.70	163500
	20.7%	1	4.34	177700
	30.2%	1	4.35	184800
	28.4%	1	6.44	192000
	46.8%	1	5.32	184800
	46.8%	1	9.72	213300
	26.3%	1	9.23	227500
	46.8%	1	9.23	213300
	33.1%	1	5.74	312800
130	20.3%	2	9.23	312800
	37.2%	1	8.17	213300
	69.0%	1	6.00	433700
	50.0%	1	7.98	312800
	46.8%	1	6.74	248800
	36.6%	1	9.23	291500
	60.9%	1	11.47	312800
	47.2%	1	8.68	298600
	44.6%	1	11.76	312800
	49.9%	1	10.29	327000
140	60.6%	1	11.14	405200
	61.3%	1	11.79	369700
	60.9%	1	11.76	398100
	56.4%	1	13.08	376800
	60.9%	1	11.70	405200
	72.6%	1	11.76	376800
	69.8%	1	12.79	383900
	60.9%	1	9.05	405200
	69.9%	1	11.76	412300
	68.0%	1	8.87	419500
150	68.2%	1	10.09	405200
	67.9%	1	10.64	412300
	60.9%	1	11.76	405200
	56.0%	1	9.94	405200
	55.6%	1	8.35	419500

	63.4%	1	9.71	383900
	64.9%	1	8.87	369700
	66.5%	1	7.84	391000
	34.7%	2	5.28	391000
	34.7%	2	5.28	391000
160	50.3%	1	12.81	391000
	58.8%	1	6.08	700000
	55.1%	1	6.24	700000
	34.7%	1	5.28	362600
	53.1%	1	5.62	391000
	70.1%	1	5.95	362600
	49.8%	1	5.28	355500
	34.7%	1	5.28	383900
	38.2%	1	4.91	376800
	34.7%	1	5.94	391000
170	33.8%	1	5.56	383900
	34.7%	1	5.53	391000
	34.6%	1	5.36	398100
	33.5%	1	4.91	383900
	34.1%	1	5.20	369700
	34.5%	1	4.91	376800
	32.4%	1	5.19	391000
	30.9%	1	5.54	391000
	31.4%	1	5.36	376800
	32.8%	1	5.57	369700
180	32.1%	1	5.16	362600
	32.1%	1	4.91	383900
	34.2%	1	4.91	376800
	30.0%	1	5.10	369700
	34.0%	1	5.22	376800
	32.3%	1	4.78	376800
	29.5%	1	5.85	376800
	30.1%	1	5.06	376800
	31.7%	1	5.57	376800

	16.3%	2	5.57	383900
190	34.9%	1	5.22	383900
	64.0%	1	4.98	391000
	47.6%	1	5.26	391000
	38.4%	1	8.24	391000
	45.0%	1	5.57	376800
	25.4%	1	4.78	383900
	30.2%	1	10.92	376800
	32.3%	1	4.78	376800
	32.9%	1	5.57	376800
	31.3%	1	4.95	383900
200	28.9%	1	5.14	383900
	30.4%	1	4.78	376800
	32.9%	1	6.68	369700
	29.1%	1	5.41	369700
	25.4%	1	4.65	376800
	31.8%	1	4.78	369700
	32.3%	1	4.89	369700
	25.4%	1	4.95	362600
	25.4%	1	5.54	362600
	29.0%	1	4.85	369700
210	33.6%	1	4.95	376800
	29.9%	1	5.10	383900
	28.8%	1	4.95	383900
	25.4%	1	5.13	391000
	26.6%	1	4.87	376800
	27.4%	1	4.65	362600
	27.5%	1	5.34	369700
	16.3%	1	4.95	355500
	33.6%	1	4.65	348400
	24.0%	1	4.65	355500
220	57.3%	1	4.75	341300
	33.6%	1	4.98	355500
	32.7%	1	4.78	362600

	28.8%	1	4.69	341300
	33.6%	1	4.36	348400
	29.8%	1	4.65	348400
	28.3%	1	4.31	341300
	33.6%	1	4.74	341300
	29.3%	1	4.87	369700
	33.1%	2	4.36	334100
230	31.9%	1	4.21	369700
	30.8%	1	4.87	327000
	30.0%	1	5.32	355500
	32.5%	1	5.48	319900
	32.0%	1	4.87	341300
	33.7%	1	4.98	362600
	31.7%	1	6.65	348400
	28.9%	1	5.64	362600
	30.8%	1	4.98	369700
	27.5%	1	4.87	369700
240	20.6%	1	5.01	355500
	40.7%	1	4.98	369700
	32.7%	2	4.75	376800
	36.0%	2	5.14	376800
	14.4%	1	4.98	369700
	48.5%	1	5.12	376800
	36.4%	1	5.32	700000
	32.4%	1	4.85	341300
	28.8%	1	5.10	341300
	1.5%	1	5.32	355500
250	28.8%	2	5.15	355500
	31.3%	1	5.32	362600
	25.7%	2	5.33	369700
	26.1%	1	6.05	362600
	37.2%	1	5.74	362600
	34.5%	1	5.32	355500
	27.3%	1	4.84	355500

	26.6%	1	5.32	355500
	26.1%	1	5.03	348400
	24.9%	1	4.50	348400
260	26.0%	1	4.83	334100
	24.8%	1	7.93	341300
	27.4%	1	4.85	348400
	28.9%	1	4.85	355500
	25.9%	1	6.67	362600
	26.2%	1	4.29	355500
	26.9%	1	12.61	348400
	28.1%	1	4.99	348400
	23.8%	1	5.24	348400
	22.4%	1	5.06	341300
270	29.6%	1	4.85	355500
	26.8%	1	4.48	355500
	24.8%	1	4.85	355500
	25.2%	1	4.68	362600
	14.2%	1	4.43	362600
	29.6%	1	4.25	355500
	59.9%	1	4.93	700000
	34.8%	1	4.30	355500
	24.6%	1	4.57	355500
	24.8%	1	4.24	348400
280	24.3%	1	3.97	348400
	23.8%	1	4.38	348400
	26.8%	1	4.19	348400
	25.0%	1	4.82	348400
	24.8%	1	4.50	348400
	42.3%	1	4.21	348400
	58.4%	2	4.27	348400
	36.0%	1	4.73	355500
	24.0%	1	4.29	348400
	24.0%	1	3.89	348400
290	24.0%	1	4.31	348400

	24.0%	1	4.24	348400
	24.3%	1	4.03	348400
	25.9%	1	4.08	348400
	27.3%	1	3.99	355500
	25.7%	1	4.02	348400
	24.8%	2	8.63	355500
	23.0%	1	4.10	362600
	27.7%	1	4.08	355500

A.1.4 CEM OBJETOS

Tabela 22: 100 Objetos Pre-Runtime Polygon OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.5%	8	0.08	0

70				
	0.0%	4	0.00	0
	0.0%			
		4	0.01	0
	0.0%			
		8	0.00	0
80	0.0%	8	0.00	0
	0.0%	2		0
			0.00	
	0.0%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
90	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0
100	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0

	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	8	0.00	0
110	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	22	0.01	0
	0.0%	10	0.00	0
	0.0%	16	0.00	0
	0.0%	14	0.00	0
	0.0%	40	0.02	0
	0.1%	14	0.00	0
	0.0%	38	0.00	0
120	0.0%	16	0.02	0
	0.0%	38	0.01	0
	0.0%	48	0.02	0
	0.0%	36	0.01	0
	0.0%	30	0.01	0
	0.0%	46	0.02	0
	0.0%	50	0.03	0
	0.0%	84	0.03	0
	0.0%	76	0.03	0
	0.0%	94	0.05	0
130	0.0%	90	0.06	0
	0.0%	70	0.04	0
	0.0%	58	0.04	0
	0.0%	44	0.02	0
	0.0%	42	0.02	0
	0.0%	38	0.01	0
	0.0%	26	0.01	0

	0.0%	42	0.03	0
	0.0%	18	0.01	0
	0.0%	16	0.01	0
140	0.0%	18	0.01	0
	0.0%	12	0.01	0
	0.0%	18	0.01	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	22	0.01	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
150	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
160				
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
170	0.0%	8	0.00	0

	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
180	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%			
		4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
190				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
200				
	0.0%	2	0.00	0
	0.0%	4	0.01	0
	0.0%	4	0.00	0

	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
210	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
220	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%			
		4	0.00	0
	0.0%	2		
			0.00	0
	0.0%	4		0
230				
			0.00	
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
240				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
250				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%			
		4	0.00	0
	0.0%	2	0.00	0
	0.0%	2		0
260				
			0.00	
	0.0%	4	0.00	0
	0.0%	2	0.00	0
270	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	2	0.02	0
	0.0%	2	0.00	0
280				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
290				
	0.0%	2	0.00	0
	0.0%	2	0.00	0

Tabela 23: 100 Objetos Pre-Runtime Polygon OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
60				
	0.3%		0.08	0
70				
		2		
	0.0%			0
	0.0%			
80		2	0.00	
				0
	0.0%			

		2	0.00	
		2	0.00	0
	0.0%	4	0.00	0
90	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%			0
		4	0.00	
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	8		0
	0.0%		0.00	0
		2	0.00	0
	0.0%	2	0.00	
100	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
110	0.0%	10	0.00	0
	0.0%	14	0.00	0
	0.0%	14	0.00	0
	0.0%	10	0.00	0
	0.0%	28	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.03	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
120	0.0%	28	0.01	0

	0.0%	32	0.01	0
	0.0%	28	0.03	0
	0.0%	18	0.00	0
	0.0%	44	0.03	0
	0.0%	50	0.02	0
	0.0%	56	0.02	0
	0.0%	70	0.03	0
	0.0%	92	0.04	0
	0.0%	78	0.04	0
130	0.0%	20	0.02	0
	0.0%	44	0.03	0
	0.0%	48	0.00	0
	0.0%	34	0.02	0
	0.0%	30	0.02	0
	0.0%	20	0.02	0
	0.0%	38	0.03	0
	0.0%	26	0.00	0
	0.0%	20	0.01	0
	0.0%	14	0.00	0
140	0.0%	16	0.00	0
	0.0%	22	0.01	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.02	0
	0.0%	16	0.00	0
	0.0%	12	0.01	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
150	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%			

		6	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
160	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.01	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2		0
	0.0%	2	0.00	0
	0.0%		0.00	
	0.0%	2	0.00	0
		6	0.00	0
170	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%			0
		2	0.00	
180	0.0%			0
		4	0.00	
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2		
	0.0%			
	0.0%		0.00	0
		2	0.00	0
		6	0.00	0

	0.0%	2		
190	0.0%		0.00	0
		4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%			
		4		0
	0.0%			
			0.00	
		2	0.00	0
200	0.0%	2	0.00	0
	0.0%	2		0
	0.0%		0.00	
		2		0
	0.0%		0.00	
		4	0.00	0
	0.0%	4	0.00	0
	0.1%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2		0
210	0.0%		0.00	0
	0.1%	4	0.00	
		2	0.01	0
	0.0%	4	0.00	0
	0.0%	4		0
	0.1%	4	0.00	0
	0.0%		0.00	0
		4	0.00	
	0.0%			0
		6	0.00	0
220	0.0%			
				0
		2	0.00	

	0.0%			
				0
		2	0.00	
	0.0%	6	0.00	
	0.0%			0
	0.0%			0
		2	0.00	
230		2	0.00	
	0.0%	2	0.00	0
	0.0%	2		0
	0.0%			0
			0.00	0
		2	0.00	
	0.0%	2	0.00	
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
240	0.0%	2		0
	0.0%		0.00	
		2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%			
		2	0.00	0
	0.0%			
		2	0.00	0
250	0.0%	2	0.00	0
	0.0%			
	0.0%			
		2	0.00	0
		2	0.00	0
	0.0%	4		0

	0.0%			
			0.00	
260		2	0.00	0
	0.0%		0.00	0
		2		
	0.0%	2	0.00	0
270	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2		0
	0.0%			
			0.00	
		2		0
	0.0%			
280			0.00	
		2		0
				0
			0.00	
	0.0%		0.00	
		4		0
	0.0%			
				0
290				

		2	0.00	
	0.0%	2	0.00	
	0.0%			0

Tabela 24: 100 Objetos Pre-Runtime Polygon OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.1%	4	0.03	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
70	0.0%	4	0.00	0

	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.1%	12	0.02	0
	0.1%	12	0.01	0
	0.1%	30	0.02	0
	0.0%	30	0.01	0
	0.1%	12	0.02	0
	0.1%	10	0.00	0
	0.0%	10	0.02	0
80	0.0%	18	0.04	0
	0.0%	18	0.01	0
	0.1%	18	0.01	0
	0.1%	18	0.00	0
	0.0%	30	0.01	0
	0.0%	30	0.02	0
	0.2%	30	0.02	0
	0.1%	32	0.02	0
	0.2%	28	0.02	0
	0.0%	46	0.05	0
90	0.1%	32	0.03	0
	0.2%	44	0.01	0
	0.1%	28	0.01	0
	0.1%	24	0.02	0
	0.0%	44	0.01	0
	0.1%	22	0.01	0
	0.0%	24	0.02	0
	0.0%	26	0.01	0
	0.1%	36	0.01	0
	0.1%	44	0.02	0
100	0.1%	44	0.02	0
	0.1%	44	0.02	0
	0.1%	46	0.02	0
	0.1%	46	0.02	0
	0.1%	52	0.02	0

	0.2%	46	0.04	0
	0.2%	46	0.06	0
	0.2%	54	0.02	0
	0.2%	52	0.02	0
	0.1%	180	0.02	0
110	0.1%	54	0.02	0
	0.1%	46	0.04	0
	0.1%	44	0.01	0
	0.1%	180	0.02	0
	0.1%	180	0.04	0
	0.1%	60	0.03	0
	0.1%	70	0.04	0
	0.1%	180	0.07	0
	0.1%	102	0.05	0
	0.3%	104	0.04	0
120	0.2%	226	0.13	0
	0.1%	392	0.23	0
	0.3%	308	0.16	0
	0.4%	478	0.24	0
	0.3%	476	0.29	0
	0.4%	686	0.38	0
	0.5%	1258	0.39	0
	0.4%	764	0.95	0
	0.5%	910	0.64	0
	0.5%	1258	0.61	0
130	0.4%	1224	0.95	0
	0.3%	1162	0.64	0
	0.5%	1258	0.65	0
	0.4%	1234	0.95	0
	0.5%	1258	0.68	0
	0.5%	1260	0.95	0
	0.6%	1242	0.64	0
	0.6%	1280	0.67	0
	0.8%	1004	0.64	0

	0.6%	1034	0.54	0
140	0.8%	820	0.23	0
	0.7%	784	0.23	0
	0.8%	602	0.42	0
	0.7%	604	0.32	0
	0.7%	408	0.33	0
	0.7%	204	0.22	0
	0.7%	204	0.23	0
	0.7%	400	0.23	0
	0.7%	402	0.27	0
	0.8%	200	0.12	0
150	0.4%	204	0.09	0
	0.6%	204	0.10	0
	0.6%	204	0.10	0
	0.6%	208	0.10	0
	0.5%	418	0.12	0
	0.5%	210	0.21	0
	0.6%	210	0.51	0
	0.5%	212	0.10	0
	0.6%	218	0.10	0
	0.5%	216	0.51	0
160	0.5%	416	0.10	0
	0.7%	218	0.12	0
	0.8%	422	0.11	0
	0.8%	622	0.51	0
	0.5%	416	0.23	0
	0.7%	218	0.21	0
	0.8%	420	0.51	0
	0.6%	218	0.23	0
	0.6%	218	0.12	0
	0.5%	434	0.24	0
170	0.6%	220	0.20	0
	0.8%	214	0.12	0
	0.7%	212	0.12	0

	0.8%	206	0.11	0
	0.6%	212	0.23	0
	0.7%	214	0.10	0
	0.8%	212	0.12	0
	0.6%	210	0.11	0
	0.7%	206	0.11	0
	0.6%	206	0.10	0
180	1.4%	210	0.11	0
	0.4%	206	0.12	0
	0.9%	214	0.11	0
	0.6%	212	0.13	0
	0.7%	206	0.12	0
	0.7%	206	0.11	0
	0.5%	210	0.11	0
	0.8%	210	0.13	0
	0.7%	430	0.11	0
	0.8%	218	0.12	0
190	0.6%	214	0.11	0
	0.7%	212	0.11	0
	0.6%	212	0.10	0
	0.6%	210	0.25	0
	1.2%	212	0.11	0
	0.7%	210	0.10	0
	0.6%	214	0.28	0
	0.8%	210	0.11	0
	0.6%	208	0.22	0
	0.6%	212	0.11	0
200	0.6%	212	0.11	0
	0.9%	210	0.11	0
	1.0%	210	0.10	0
	0.8%	208	0.11	0
	0.3%	210	0.13	0
	1.4%	212	0.11	0
	0.7%	208	0.13	0

	1.1%	212	0.11	0
	1.0%	208	0.13	0
	0.6%	212	0.10	0
210	0.6%	208	0.11	0
	0.6%	210	0.10	0
	0.8%	208	0.10	0
	0.6%	210	0.13	0
	0.7%	210	0.16	0
	0.7%	208	0.12	0
	0.7%	212	0.12	0
	0.7%	424	0.13	0
	0.7%	208	0.12	0
	1.1%	206	0.11	0
220	0.7%	416	0.10	0
	1.0%	418	0.10	0
	0.9%	418	0.15	0
	0.6%	220	0.21	0
	1.0%	210	0.24	0
	0.6%	208	0.13	0
	0.6%	216	0.13	0
	0.8%	218	0.64	0
	1.3%	218	0.31	0
	1.9%	218	0.22	0
230	0.3%	216	0.10	0
	0.6%	214	0.11	0
	0.9%	220	0.10	0
	0.9%	220	0.13	0
	0.8%	216	0.11	0
	0.6%	214	0.10	0
	0.6%	214	0.13	0
	0.7%	218	0.11	0
	0.8%	226	0.13	0
	0.6%	222	0.11	0
240	0.7%	224	0.11	0

	0.8%	222	0.20	0
	0.7%	222	0.14	0
	0.8%	222	0.12	0
	0.7%	444	0.16	0
	0.7%	220	0.11	0
	0.7%	438	0.13	0
	0.8%	660	0.11	0
	0.6%	440	0.26	0
	0.5%	224	0.14	0
250	0.8%	222	0.25	0
	0.6%	222	0.61	0
	1.0%	220	0.12	0
	0.7%	218	0.23	0
	1.0%	222	0.33	0
	0.6%	218	0.25	0
	0.9%	218	0.12	0
	0.7%	220	0.10	0
	0.8%	220	0.12	0
	0.3%	216	0.12	0
260	0.6%	216	0.11	0
	0.9%	216	0.13	0
	0.9%	220	0.12	0
	0.7%	220	0.11	0
	0.6%	220	0.12	0
	1.0%	220	0.14	0
	0.6%	220	0.11	0
	0.9%	224	0.11	0
	0.9%	224	0.14	0
	0.6%	224	0.12	0
270	1.1%	224	0.12	0
	0.7%	224	0.10	0
	0.6%	224	0.11	0
	1.3%	222	0.11	0
	0.6%	220	0.13	0

	0.5%	442	0.15	0
	0.8%	668	0.11	0
	0.7%	438	0.17	0
	0.5%	218	0.24	0
	0.8%	220	0.11	0
280	0.7%	436	0.13	0
	0.6%	220	0.11	0
	0.8%	222	0.26	0
	0.3%	222	0.35	0
	0.7%	224	0.24	0
	1.2%	222	0.11	0
	1.0%	222	0.13	0
	0.9%	222	0.23	0
	0.7%	222	0.11	0
	0.5%	222	0.14	0
290	1.0%	224	0.15	0
	0.5%	222	0.12	0
	0.9%	224	0.15	0
	0.6%	224	0.11	0
	0.9%	224	0.13	0
	0.5%	224	0.17	0
	0.0%	224	0.11	0
		226	0.11	0

Tabela 25: 100 Objetos Pre-Runtime Polygon OnTriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
30				
	2.8%		0.32	32
40				
		4		
	0.0%			0
	0.0%			
50				
		4	0.00	
				0
	0.0%			

60				
		4	0.00	
		4		0
	0.0%			
			0.00	
		2		0
	0.0%		0.00	0
70		2	0.00	
	0.0%	2	0.00	0
	0.0%			0
		2	0.00	
	0.0%			0
80		2	0.00	
	0.0%	2	0.00	0
	0.0%			0
		2	0.00	
	0.0%	2	0.00	0
	0.0%			0
90		2	0.00	
	0.0%	2	0.00	0
	0.0%			0

		2	0.00	
	0.0%			0
		4	0.00	
	0.0%			0
	0.0%			
		2	0.00	
100		8	0.00	0
	0.0%	2	0.00	0
	0.0%	2		0
	0.0%		0.00	0
		4	0.00	
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%			0
		2	0.00	
110	0.0%	2	0.00	0
	0.0%			0
		2	0.00	
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%			0
		2	0.00	
120	0.0%	4	0.00	0
	0.0%			0
	0.0%	2	0.00	
		2		0
	0.0%			
			0.00	
		8	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
130	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%			0
		2	0.00	
	0.0%			0
140				
220				
		2	0.00	
	0.0%			0
230		2	0.00	
	0.0%			0
	0.0%			

240				
290				

Tabela 26: 100 Objetos Pre-Runtime Polygon OnTriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	1.1%	2	0.10	

				0
	0.0%	4	0.00	
	0.0%	2		
70				
				0
			0.01	0
	0.1%	6		
80				
			0.00	0
	0.0%	2	0.00	
		2		
				0
90	0.0%		0.00	0
		2		
	0.0%		0.00	0
		2	0.00	
100				

	0.0%			0
	0.0%	4	0.00	0
		2	0.00	
	0.0%			
		2	0.00	
110				0
	0.0%			0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	
		4	0.01	0
	0.0%			0
		2	0.00	
	0.0%	4	0.00	0
	0.0%			
120	0.0%		0.00	
				0
		2		
	0.0%			0
		4	0.00	
	0.0%	4		0
		4	0.00	0
	0.0%			0
		4		
130				
200				

			0.00	
	0.0%			0
		2		
210				
290				

Tabela 27: 100 Objetos Pre-Runtime Polygon OnTriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
30				

	0.7%	32	0.11	0
40	0.0%	2	0.00	0
	0.1%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.02	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
50	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.01	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	40	0.01	0
	0.0%	14	0.00	0
	0.0%	14	0.01	0
60	0.0%	10	0.02	0
	0.0%	10	0.00	0
	0.0%	14	0.00	0
	0.0%	10	0.01	0
	0.0%	8	0.00	0

	0.0%	8	0.01	0
	0.2%	12	0.02	0
	0.1%	12	0.01	0
	0.0%	12	0.02	0
	0.0%	12	0.01	0
70	0.1%	12	0.02	0
	0.0%	10	0.00	0
	0.0%	10	0.01	0
	0.0%	12	0.01	0
	0.0%	14	0.01	0
	0.0%	14	0.01	0
	0.0%	14	0.03	0
	0.1%	8	0.01	0
	0.0%	8	0.01	0
	0.1%	14	0.01	0
80	0.0%	10	0.01	0
	0.0%	10	0.01	0
	0.1%	10	0.05	0
	0.0%	10	0.01	0
	0.0%	10	0.01	0
	0.0%	12	0.01	0
	0.0%	12	0.01	0
	0.1%	12	0.01	0
	0.0%	14	0.02	0
	0.0%	16	0.03	0
90	0.1%	16	0.01	0
	0.0%	14	0.01	0
	0.0%	14	0.01	0
	0.0%	34	0.01	0
	0.0%	16	0.02	0
	0.2%	16	0.02	0
	0.1%	32	0.05	0
	0.1%	18	0.02	0
	0.0%	18	0.02	0

	0.0%	22	0.07	0
100	0.0%	22	0.02	0
	0.1%	332	0.02	0
	0.1%	22	0.04	0
	0.3%	24	0.02	0
	0.1%	32	0.02	0
	0.1%	30	0.03	0
	0.4%	32	0.02	0
	0.1%	34	0.05	0
	0.1%	36	0.02	0
	0.1%	36	0.19	0
110	0.0%	40	0.02	0
	0.2%	36	0.19	0
	0.1%	38	0.02	0
	0.1%	38	0.05	0
	0.2%	34	0.02	0
	0.2%	32	0.02	0
	0.1%	36	0.05	0
	0.1%	88	0.11	0
	0.1%	40	0.11	0
	0.0%	78	0.08	0
120	0.0%	122	0.05	0
	0.2%	174	0.08	0
	0.1%	174	0.19	0
	0.0%	90	0.12	0
	0.1%	332	0.12	0
	0.1%	134	0.15	0
	0.1%	132	0.21	0
	0.2%	192	0.18	0
	0.1%	198	0.03	0
	0.2%	56	0.20	0
130	0.1%	238	0.21	0
	0.1%	298	0.22	0
	0.1%	304	0.19	0

	0.1%	318	0.19	0
	0.1%	324	0.19	0
	0.1%	332	0.13	0
	0.1%	336	0.03	0
	0.1%	336	0.13	0
	0.2%	336	0.03	0
	0.2%	280	0.03	0
140	0.2%	56	0.09	0
	0.2%	280	0.11	0
	0.2%	56	0.06	0
	0.2%	56	0.08	0
	0.2%	224	0.08	0
	0.2%	224	0.06	0
	0.2%	168	0.03	0
	0.2%	112	0.03	0
	0.2%	112	0.03	0
	0.2%	112	0.03	0
150	0.2%	112	0.04	0
	0.2%	112	0.06	0
	0.3%	56	0.03	0
	0.2%	56	0.03	0
	0.2%	56	0.03	0
	0.1%	56	0.03	0
	0.1%	56	0.03	0
	0.2%	112	0.03	0
	0.2%	112	0.07	0
	0.2%	56	0.21	0
160	0.2%	56	0.06	0
	0.2%	112	0.07	0
	0.1%	56	0.06	0
	0.2%	112	0.03	0
	0.1%	56	0.03	0
	0.1%	112	0.07	0
	0.1%	112	0.04	0

	0.4%	168	0.03	0
	0.2%	112	0.04	0
	0.2%	112	0.04	0
170	0.2%	112	0.03	0
	0.1%	56	0.03	0
	0.1%	56	0.03	0
	0.2%	56	0.03	0
	0.1%	112	0.04	0
	0.2%	56	0.03	0
	0.2%	56	0.03	0
	0.1%	56	0.04	0
	0.2%	56	0.03	0
	0.2%	56	0.03	0
180	0.2%	56	0.03	0
	0.1%	56	0.03	0
	0.1%	56	0.04	0
	0.1%	56	0.06	0
	0.2%	56	0.03	0
	0.2%	56	0.03	0
	0.1%	56	0.13	0
	0.1%	56	0.06	0
	0.2%	56	0.03	0
	0.1%	56	0.03	0
190	0.3%	56	0.03	0
	0.1%	56	0.03	0
	0.3%	56	0.03	0
	0.2%	112	0.03	0
	0.1%	112	0.03	0
	0.1%	56	0.03	0
	0.1%	56	0.03	0
	0.1%	56	0.03	0
	0.1%	56	0.03	0
	0.1%	56	0.13	0
200	0.3%	56	0.03	0

	0.1%	56	0.03	0
	0.2%	56	0.02	0
	0.2%	56	0.03	0
	0.2%	56	0.04	0
	0.1%	54	0.03	0
	0.2%	56	0.03	0
	0.3%	56	0.13	0
	0.1%	56	0.03	0
	0.1%	56	0.03	0
210	0.3%	56	0.13	0
	0.2%	56	0.09	0
	0.2%	54	0.11	0
	0.1%	56	0.02	0
	0.2%	56	0.02	0
	0.3%	54	0.13	0
	0.3%	56	0.13	0
	0.4%	112	0.03	0
	0.2%	108	0.10	0
	0.0%	54	0.04	0
220	0.2%	54	0.04	0
	0.3%	54	0.04	0
	0.1%	108	0.11	0
	0.2%	108	0.02	0
	0.1%	108	0.03	0
	0.2%	54	0.04	0
	0.1%	54	0.04	0
	0.1%	54	0.03	0
	0.4%	54	0.03	0
	0.3%	54	0.03	0
230	0.2%	54	0.03	0
	0.2%	54	0.05	0
	0.1%	54	0.03	0
	0.2%	54	0.03	0
	0.1%	54	0.06	0

	0.1%	54	0.03	0
	0.4%	56	0.03	0
	0.6%	56	0.11	0
	0.8%	56	0.04	0
	0.1%	58	0.03	0
240	0.3%	58	0.11	0
	0.3%	58	0.03	0
	0.2%	116	0.03	0
	0.2%	58	0.11	0
	0.1%	116	0.03	0
	0.2%	58	0.07	0
	0.1%	58	0.11	0
	0.1%	58	0.26	0
	0.1%	58	0.03	0
	0.2%	58	0.06	0
250	0.2%	58	0.03	0
	0.2%	58	0.10	0
	0.2%	58	0.03	0
	0.3%	58	0.08	0
	0.1%	58	0.03	0
	0.2%	58	0.03	0
	0.1%	58	0.06	0
	0.2%	58	0.03	0
	0.2%	58	0.04	0
	0.2%	58	0.04	0
260	0.1%	58	0.03	0
	0.1%	58	0.03	0
	0.2%	58	0.03	0
	0.2%	58	0.04	0
	0.0%	58	0.03	0
	0.2%	58	0.04	0
	0.2%	58	0.04	0
	0.2%	58	0.03	0
	0.2%	58	0.04	0

	0.2%	58	0.03	0
270	0.1%	58	0.03	0
	0.5%	58	0.03	0
	0.1%	116	0.03	0
	0.3%	174	0.03	0
	0.1%	116	0.03	0
	0.3%	58	0.03	0
	0.1%	58	0.06	0
	0.2%	174	0.03	0
	0.1%	58	0.03	0
	0.2%	58	0.06	0
280	0.2%	58	0.03	0
	0.3%	58	0.03	0
	0.3%	58	0.03	0
	0.2%	58	0.03	0
	0.1%	58	0.08	0
	0.1%	58	0.06	0
	0.2%	58	0.10	0
	0.0%	58	0.06	0
	0.2%	58	0.03	0
	0.2%	58	0.03	0
290	0.2%	58	0.03	0
	0.3%	58	0.03	0
	0.2%	58	0.13	0
	0.2%	58	0.11	0
	0.1%	58	0.03	0
	0.3%	58	0.03	0
	0.2%	58	0.04	0
	0.2%	58	0.03	0

Tabela 28: 100 Objetos Pre-Runtime Polygon Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
--------------	--------------	-------	-----------	----------

	5.4%	6	2.39	0
	26.4%	2	6.90	0
	17.6%	2	1.50	0
	3.6%	1	0.52	0
	26.2%	1	5.78	0
	4.6%	1	0.48	0
	3.2%	1	0.54	0
	2.8%	1	0.48	0
10	26.5%	1	5.89	0
	4.5%	1	0.48	0
	3.1%	1	0.51	0
	3.2%	1	0.52	0
	25.2%	1	5.64	0
	3.5%	1	0.47	0
	3.1%	1	0.46	0
	3.0%	1	0.48	0
	25.7%	1	5.79	0
	4.3%	1	0.48	0
20	2.8%	1	0.45	0
	3.0%	1	0.50	0
	26.8%	1	5.75	0
	4.5%	1	0.49	0
	2.7%	1	0.46	0
	2.7%	1	0.47	0
	26.1%	1	5.73	0
	4.5%	1	0.46	0
	2.5%	1	0.46	0
	17.9%	1	5.87	0
30	2.0%	1	0.58	0
	50.8%	2	6.31	0
	4.8%	1	0.50	0
	3.0%	1	0.50	0
	27.2%	1	5.90	0

	4.3%	1	0.50	0
	2.9%	1	0.49	0
	27.8%	1	5.90	0
	8.5%	1	0.96	112
	4.0%	1	0.66	0
40	26.9%	1	5.98	0
	5.0%	1	0.53	0
	3.4%	1	0.58	0
	27.0%	1	6.02	0
	5.0%	1	0.53	0
	3.0%	1	0.54	0
	27.3%	1	5.93	80
	5.4%	1	0.55	0
	3.2%	1	0.54	0
	27.5%	1	6.00	0
50	4.9%	1	0.55	0
	3.5%	1	0.57	0
	26.7%	1	6.12	0
	5.6%	1	0.57	0
	3.3%	1	0.57	0
	28.3%	1	6.19	0
	5.5%	1	0.65	0
	3.8%	1	0.61	80
	28.3%	1	6.36	0
	2.5%	1	0.65	0
60	4.3%	1	0.91	0
	61.9%	1	8.57	0
	8.4%	1	0.82	0
	4.1%	1	0.68	0
	32.9%	1	7.20	0
	6.0%	1	0.67	0
	5.9%	1	0.93	28400
	29.0%	1	6.60	28400
	8.5%	1	1.04	14300

	5.0%	1	0.75	14200
70	31.4%	1	7.05	14200
	7.7%	1	0.84	14200
	8.0%	1	1.69	28400
	36.8%	1	7.89	28400
	14.2%	1	2.24	42700
	15.7%	1	1.86	42700
	39.1%	1	8.40	42700
	12.9%	1	1.34	42700
	7.8%	1	1.28	42700
	42.4%	1	10.35	64000
80	19.1%	1	1.72	71100
	10.2%	1	1.73	71100
	36.1%	1	7.64	64000
	15.7%	1	1.42	64000
	8.4%	1	1.60	106600
	34.8%	1	7.16	106600
	16.5%	1	1.73	113800
	11.2%	1	1.92	120900
	29.1%	1	6.81	120900
	8.4%	1	1.71	128000
90	7.6%	1	2.45	113800
	68.0%	2	11.80	220400
	27.4%	1	2.78	113800
	36.3%	1	7.18	113800
	22.0%	1	2.44	99500
	16.2%	1	2.72	120900
	35.1%	1	7.83	120900
	24.6%	1	2.98	135100
	20.0%	1	3.49	170600
	44.6%	1	9.28	184800
100	29.5%	1	3.69	206200
	23.8%	1	4.11	206200
	49.6%	1	10.84	220400

	43.8%	1	5.01	213300
	34.3%	1	6.84	206200
	57.8%	1	12.94	206200
	55.1%	1	6.93	227500
	41.3%	1	6.76	234600
	58.3%	1	13.59	263000
	62.4%	1	8.07	248800
110	45.2%	1	8.34	255900
	67.8%	1	14.53	284400
	64.4%	1	9.49	270200
	53.8%	1	8.15	291500
	63.3%	1	15.74	319900
	73.6%	2	15.89	800000
	72.2%	1	15.73	447900
	38.6%	1	11.42	469200
	70.6%	2	31.51	1000000
	86.7%	3	39.82	1600000
120	81.9%	2	27.97	1200000
	83.2%	2	32.42	1200000
	84.4%	3	47.93	2000000
	88.8%	3	53.01	2000000
	91.6%	4	69.42	2900000
	92.6%	4	80.11	3200000
	79.8%	5	97.92	3800000
	83.9%	6	120.26	4900000
	93.8%	6	112.85	4500000
	93.1%	6	104.80	4600000
130	92.0%	6	88.92	4700000
	78.3%	6	88.65	4700000
	80.6%	6	94.13	4600000
	90.1%	6	87.04	4600000
	92.3%	6	73.96	4600000
	85.0%	5	74.30	3600000
	90.4%	5	59.40	3700000

	69.8%	4	45.52	2900000
	78.4%	4	44.78	2900000
	87.1%	3	36.01	2200000
140	86.2%	3	36.88	2200000
	79.7%	2	24.96	1500000
	80.3%	2	22.95	1500000
	78.2%	2	22.12	1500000
	82.0%	2	24.87	1500000
	63.1%	1	8.90	700000
	60.7%	1	12.38	700000
	69.5%	1	11.81	700000
	66.6%	1	10.52	700000
	69.1%	1	13.90	700000
150	77.9%	2	20.10	1500000
	70.2%	1	13.39	800000
	70.3%	1	12.81	800000
	66.9%	1	10.56	800000
	69.4%	1	14.19	800000
	70.6%	1	12.75	800000
	51.8%	2	23.68	1500000
	65.9%	2	24.98	1500000
	86.0%	3	38.93	2200000
	81.8%	2	23.99	1500000
160	79.1%	2	22.50	1500000
	79.4%	2	19.95	1500000
	73.7%	1	14.39	800000
	67.3%	1	12.32	800000
	80.2%	2	22.28	1600000
	67.2%	1	10.79	800000
	62.8%	1	10.20	800000
	67.7%	1	12.01	700000
	66.8%	1	11.05	800000
	64.9%	1	9.83	700000
170	62.5%	1	11.07	700000

	63.5%	1	9.42	700000
	50.5%	1	8.84	800000
	60.8%	1	10.59	700000
	61.6%	1	9.40	800000
	52.8%	1	8.00	800000
	55.8%	1	10.36	800000
	55.3%	1	8.95	700000
	49.1%	1	7.53	700000
	57.1%	1	10.07	700000
180	29.7%	1	7.92	700000
	64.8%	2	24.47	1500000
	78.0%	2	18.66	1500000
	70.6%	1	12.26	800000
	64.7%	1	9.65	800000
	56.0%	1	8.36	700000
	58.3%	1	12.24	700000
	63.9%	1	9.64	700000
	57.0%	1	9.48	700000
	58.5%	1	10.07	700000
190	58.1%	1	9.36	700000
	58.4%	1	9.02	700000
	59.5%	1	11.13	700000
	64.6%	1	9.77	700000
	52.9%	1	7.85	700000
	52.9%	1	10.21	700000
	55.7%	1	7.67	700000
	48.0%	1	8.18	700000
	55.4%	1	10.29	700000
	58.8%	1	8.71	800000
200	51.9%	1	9.19	700000
	61.0%	1	10.07	700000
	55.2%	1	9.10	700000
	64.7%	1	21.48	700000
	76.4%	2	17.84	1500000

	77.5%	2	18.47	1500000
	55.1%	1	7.42	700000
	28.6%	1	8.98	700000
	67.1%	2	30.04	1500000
	80.9%	2	23.07	1500000
210	74.7%	2	15.81	1500000
	68.1%	1	10.94	700000
	60.0%	1	9.25	800000
	57.9%	1	9.67	700000
	62.5%	1	12.29	800000
	66.0%	1	10.48	800000
	61.1%	1	9.65	800000
	62.6%	1	10.98	800000
	62.6%	1	9.22	800000
	56.2%	1	10.38	800000
220	69.5%	1	13.11	800000
	63.0%	1	9.19	800000
	59.4%	1	10.78	800000
	67.5%	1	12.48	800000
	63.7%	1	8.90	800000
	55.2%	1	9.03	800000
	59.0%	1	11.43	800000
	63.1%	1	8.28	800000
	50.2%	1	8.97	800000
	58.9%	1	10.91	800000
230	59.3%	1	9.70	800000
	62.7%	1	11.89	800000
	73.4%	2	23.36	1500000
	33.0%	1	11.05	800000
	65.3%	2	23.08	1500000
	84.0%	3	29.61	2300000
	79.6%	2	21.05	1600000
	62.4%	1	8.71	800000
	52.0%	1	9.34	800000

	62.5%	1	11.74	800000
240	66.0%	1	9.46	800000
	54.3%	1	9.35	800000
	62.7%	1	11.81	800000
	64.8%	1	9.37	800000
	52.8%	1	9.38	800000
	65.9%	1	11.79	800000
	62.7%	1	9.22	800000
	55.7%	1	9.21	700000
	60.9%	1	11.65	800000
	64.1%	1	8.96	800000
250	52.8%	1	9.32	800000
	63.5%	1	11.44	800000
	61.0%	1	8.36	800000
	50.5%	1	8.16	800000
	55.3%	1	10.65	800000
	57.7%	1	8.80	800000
	56.3%	1	9.92	800000
	66.8%	1	12.69	800000
	62.3%	1	9.08	800000
	57.2%	1	9.49	800000
260	34.5%	1	12.13	800000
	65.3%	2	27.05	1500000
	83.4%	3	30.20	2300000
	78.0%	2	20.29	1500000
	65.3%	1	9.84	800000
	63.7%	1	12.48	800000
	70.7%	2	16.55	1500000
	71.4%	1	12.98	800000
	64.6%	1	10.02	800000
	55.7%	1	8.99	800000
270	61.0%	1	11.81	800000
	58.6%	1	8.05	800000
	48.0%	1	7.96	800000

	61.1%	1	12.88	800000
	56.7%	1	7.26	800000
	50.8%	1	9.60	800000
	64.5%	1	12.65	800000
	62.5%	1	8.92	800000
	54.9%	1	9.37	800000
	62.2%	1	12.76	800000
280	61.8%	1	8.73	800000
	55.5%	1	9.63	800000
	63.8%	1	12.77	800000
	58.4%	1	8.82	800000
	49.5%	1	23.04	800000
	71.6%	3	36.75	2400000
	86.6%	3	36.09	2400000
	84.4%	3	29.53	2300000
	78.1%	2	21.65	1600000
	65.2%	1	10.29	800000
290	69.0%	1	14.51	800000
	75.0%	2	17.41	1600000
	46.3%	1	14.21	800000
	66.1%	2	16.18	1600000
	73.2%	1	14.16	800000
	73.0%	2	17.56	1600000
	56.5%	1	13.84	800000
	2.8%	1	8.57	800000

A.1.5 QUINHENTOS OBJETOS

Tabela 29: 500 Objetos Pre-Runtime Polygon OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
30				
	0.1%	6	0.09	0
	0.0%	10	0.00	0
	0.0%			
		12	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0
	0.0%	4	0.00	0
40	0.0%	6	0.00	0
	0.0%	46	0.02	0
	0.0%	50	0.02	0
	0.0%	78	0.03	0
	0.0%	92	0.03	0
	0.0%	116	0.05	0
	0.0%	120	0.05	0
	0.0%	146	0.06	0
	0.0%	138	0.06	0
	0.0%	84	0.07	0
50	0.0%	106	0.06	0
	0.0%	100	0.04	0
	0.0%	124	0.05	0
	0.0%	124	0.07	0
	0.0%	148	0.12	0
	0.0%	254	0.12	0

	0.0%	256	0.12	0
	0.0%	330	0.16	0
	0.0%	274	0.12	0
	0.0%	340	0.16	0
60	0.0%	236	0.11	0
	0.0%	268	0.15	0
	0.0%	326	0.17	0
	0.0%	300	0.17	0
	0.0%	404	0.21	0
	0.0%	442	0.27	0
	0.0%	426	0.22	0
	0.0%	284	0.16	0
	0.0%	346	0.17	0
	0.0%	284	0.09	0
70	0.0%	222	0.10	0
	0.0%	198	0.09	0
	0.0%	192	0.08	0
	0.0%	186	0.08	0
	0.0%	148	0.06	0
	0.0%	118	0.05	0
	0.0%	122	0.05	0
	0.0%	124	0.07	0
	0.0%	104	0.05	0
	0.0%	108	0.05	0
80	0.0%	156	0.07	0
	0.0%	122	0.06	0
	0.0%	102	0.04	0
	0.0%	108	0.05	0
	0.0%	82	0.04	0
	0.0%	102	0.05	0
	0.0%	108	0.04	0
	0.0%	106	0.04	0
	0.0%	108	0.04	0
	0.0%	94	0.04	0

90	0.0%	106	0.05	0
	0.0%	74	0.03	0
	0.0%	100	0.04	0
	0.0%	82	0.04	0
	0.0%	108	0.06	0
	0.0%	82	0.05	0
	0.0%	66	0.03	0
	0.0%	62	0.05	0
	0.0%	84	0.04	0
	0.0%	78	0.03	0
100	0.0%	44	0.02	0
	0.0%	62	0.03	0
	0.0%	78	0.03	0
	0.0%	76	0.03	0
	0.0%	68	0.03	0
	0.0%	56	0.03	0
	0.0%	62	0.02	0
	0.0%	52	0.02	0
	0.0%	64	0.03	0
	0.0%	54	0.02	0
110	0.0%	50	0.02	0
	0.0%	34	0.01	0
	0.0%	46	0.02	0
	0.0%	56	0.04	0
	0.0%	56	0.02	0
	0.0%	28	0.01	0
	0.0%	32	0.01	0
	0.0%	46	0.02	0
	0.0%	48	0.02	0
	0.0%	48	0.02	0
120	0.0%	46	0.03	0
	0.0%	40	0.02	0
	0.0%	28	0.01	0
	0.0%	40	0.03	0

	0.0%	32	0.01	0
	0.0%	58	0.02	0
	0.0%	40	0.02	0
	0.0%	40	0.03	0
	0.0%	58	0.03	0
	0.0%	54	0.01	0
130	0.0%	46	0.03	0
	0.0%	48	0.02	0
	0.0%	62	0.02	0
	0.0%	40	0.01	0
	0.0%	44	0.02	0
	0.0%	30	0.01	0
	0.0%	44	0.02	0
	0.0%	36	0.01	0
	0.0%	26	0.01	0
	0.0%	48	0.02	0
140	0.0%	56	0.03	0
	0.0%	32	0.01	0
	0.0%	34	0.01	0
	0.0%	28	0.02	0
	0.0%	48	0.01	0
	0.0%	56	0.04	0
	0.0%	52	0.02	0
	0.0%	36	0.02	0
	0.0%	58	0.03	0
	0.0%	34	0.01	0
150	0.0%	34	0.01	0
	0.0%	24	0.01	0
	0.0%	42	0.02	0
	0.0%	60	0.04	0
	0.0%	48	0.03	0
	0.0%	36	0.01	0
	0.0%	44	0.03	0
	0.0%	46	0.01	0

	0.0%	34	0.01	0
	0.0%	28	0.01	0
160	0.0%	28	0.01	0
	0.0%	26	0.01	0
	0.0%	24	0.01	0
	0.0%	14	0.00	0
	0.0%	20	0.01	0
	0.0%	46	0.02	0
	0.0%	28	0.01	0
	0.0%	26	0.01	0
	0.0%	36	0.01	0
	0.0%	40	0.02	0
170	0.0%	44	0.02	0
	0.0%	24	0.02	0
	0.0%	20	0.01	0
	0.0%	28	0.01	0
	0.0%	24	0.01	0
	0.0%	22	0.01	0
	0.0%	18	0.00	0
	0.0%	16	0.00	0
	0.0%	24	0.01	0
	0.0%	14	0.00	0
180	0.0%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	42	0.02	0
	0.0%	28	0.01	0
	0.0%	46	0.01	0
	0.0%	42	0.01	0
	0.0%	16	0.00	0
	0.0%	58	0.02	0
	0.0%	30	0.02	0
	0.0%	44	0.02	0
190	0.0%	50	0.03	0
	0.0%	38	0.01	0

	0.0%	26	0.01	0
	0.0%	52	0.03	0
	0.0%	54	0.02	0
	0.0%	52	0.02	0
	0.0%	42	0.02	0
	0.0%	58	0.02	0
	0.0%	32	0.02	0
	0.0%	44	0.02	0
200	0.0%	26	0.01	0
	0.0%	42	0.02	0
	0.0%	46	0.01	0
	0.0%	26	0.01	0
	0.0%	44	0.02	0
	0.0%	30	0.01	0
	0.0%	36	0.01	0
	0.0%	46	0.03	0
	0.0%	44	0.02	0
	0.0%	38	0.01	0
210	0.0%	30	0.01	0
	0.0%	30	0.01	0
	0.0%	34	0.02	0
	0.0%	46	0.02	0
	0.0%	44	0.02	0
	0.0%	42	0.02	0
	0.0%	26	0.01	0
	0.0%	24	0.01	0
	0.0%	28	0.00	0
	0.0%	16	0.01	0
220	0.0%	28	0.01	0
	0.0%	22	0.01	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0
	0.0%	28	0.01	0
	0.0%	26	0.01	0

	0.0%	16	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	24	0.01	0
230	0.0%	24	0.01	0
	0.0%	18	0.01	0
	0.0%	12	0.00	0
	0.0%	14	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0
	0.0%	14	0.00	0
	0.0%	16	0.01	0
	0.0%	10	0.00	0
	0.0%	20	0.01	0
240	0.0%	22	0.01	0
	0.0%	14	0.00	0
	0.0%	16	0.01	0
	0.0%	14	0.01	0
	0.0%	30	0.02	0
	0.0%	12	0.00	0
	0.0%	18	0.01	0
	0.0%	20	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
250	0.0%	6	0.00	0
	0.0%	14	0.00	0
	0.0%	18	0.00	0
	0.0%	26	0.01	0
	0.0%	18	0.00	0
	0.0%	26	0.01	0
	0.0%	10	0.00	0
	0.0%	24	0.01	0
	0.0%	14	0.00	0
	0.0%	20	0.00	0

260	0.0%	10	0.00	0
	0.0%	20	0.00	0
	0.0%	6	0.00	0
	0.0%	14	0.00	0
	0.0%	18	0.00	0
	0.0%	14	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	20	0.00	0
	0.0%	26	0.01	0
270	0.0%	10	0.00	0
	0.0%	14	0.00	0
	0.0%	18	0.00	0
	0.0%	14	0.00	0
	0.0%	18	0.00	0
	0.0%	14	0.01	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.01	0
	0.0%	16	0.00	0
280				
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	16	0.00	0
	0.0%	12	0.00	0
	0.0%	18	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
290	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0

	0.0%	4	0.00	0
--	------	---	------	---

Tabela 30: 500 Objetos Pre-Runtime Polygon OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
30				
	0.0%	2	0.03	0
	0.0%	168		
			0.00	0
	0.0%	6	0.00	0
	0.0%	168	0.09	0
	0.0%	4	0.00	0
40	0.0%	168	0.00	0
	0.0%	8	0.01	0
	0.0%	8	0.01	0
	0.0%	8	0.09	0
	0.0%	38	0.03	0
	0.0%	60	0.01	0
	0.0%	86	0.04	0

	0.0%	90	0.04	0
	0.0%	94	0.04	0
	0.0%	100	0.05	0
50	0.0%	66	0.03	0
	0.0%	84	0.04	0
	0.0%	86	0.04	0
	0.0%	112	0.06	0
	0.0%	250	0.05	0
	0.0%	110	0.08	0
	0.0%	168	0.10	0
	0.0%	168	0.08	0
	0.0%	160	0.09	0
	0.0%	194	0.09	0
60	0.0%	228	0.10	0
	0.0%	246	0.11	0
	0.0%	228	0.11	0
	0.0%	260	0.14	0
	0.0%	198	0.11	0
	0.0%	220	0.12	0
	0.0%	264	0.18	0
	0.0%	330	0.15	0
	0.0%	304	0.16	0
	0.0%	338	0.17	0
70	0.0%	250	0.14	0
	0.0%	326	0.15	0
	0.0%	102	0.10	0
	0.0%	250	0.09	0
	0.0%	152	0.06	0
	0.0%	208	0.10	0
	0.0%	150	0.05	0
	0.0%	158	0.09	0
	0.0%	120	0.07	0
	0.0%	134	0.06	0
80	0.0%	118	0.06	0

	0.0%	138	0.06	0
	0.0%	110	0.05	0
	0.0%	130	0.05	0
	0.0%	104	0.07	0
	0.0%	102	0.04	0
	0.0%	96	0.05	0
	0.0%	96	0.06	0
	0.0%	102	0.06	0
	0.0%	80	0.06	0
90	0.0%	122	0.06	0
	0.0%	98	0.02	0
	0.0%	120	0.06	0
	0.0%	104	0.06	0
	0.0%	62	0.03	0
	0.0%	88	0.04	0
	0.0%	112	0.05	0
	0.0%	70	0.07	0
	0.0%	116	0.05	0
	0.0%	86	0.04	0
100	0.0%	80	0.04	0
	0.0%	46	0.02	0
	0.0%	52	0.02	0
	0.0%	84	0.05	0
	0.0%	80	0.04	0
	0.0%	64	0.03	0
	0.0%	46	0.02	0
	0.0%	52	0.03	0
	0.0%	62	0.02	0
	0.0%	60	0.02	0
110	0.0%	62	0.03	0
	0.0%	38	0.01	0
	0.0%	50	0.03	0
	0.0%	48	0.02	0
	0.0%	48	0.04	0

	0.0%	46	0.02	0
	0.0%	46	0.01	0
	0.0%	36	0.02	0
	0.0%	36	0.01	0
	0.0%	42	0.02	0
120	0.0%	46	0.02	0
	0.0%	50	0.02	0
	0.0%	42	0.02	0
	0.0%	30	0.01	0
	0.0%	38	0.01	0
	0.0%	24	0.02	0
	0.0%	48	0.02	0
	0.0%	62	0.02	0
	0.0%	44	0.02	0
	0.0%	58	0.03	0
130	0.0%	56	0.03	0
	0.0%	30	0.02	0
	0.0%	54	0.03	0
	0.0%	68	0.02	0
	0.0%	38	0.03	0
	0.0%	46	0.02	0
	0.0%	30	0.01	0
	0.0%	46	0.02	0
	0.0%	40	0.02	0
	0.0%	34	0.02	0
140	0.0%	44	0.02	0
	0.0%	48	0.02	0
	0.0%	34	0.03	0
	0.0%	40	0.02	0
	0.0%	44	0.02	0
	0.0%	44	0.03	0
	0.0%	60	0.03	0
	0.0%	62	0.03	0
	0.0%	36	0.01	0

	0.0%	44	0.02	0
150	0.0%	36	0.01	0
	0.0%	30	0.01	0
	0.0%	44	0.02	0
	0.0%	50	0.02	0
	0.0%	40	0.03	0
	0.0%	46	0.02	0
	0.0%	44	0.02	0
	0.0%	46	0.02	0
	0.0%	42	0.01	0
	0.0%	32	0.01	0
160	0.0%	24	0.02	0
	0.0%	46	0.03	0
	0.0%	32	0.02	0
	0.0%	20	0.02	0
	0.0%	28	0.01	0
	0.0%	24	0.03	0
	0.0%	26	0.01	0
	0.0%	34	0.01	0
	0.0%	46	0.02	0
	0.0%	38	0.01	0
170	0.0%	34	0.02	0
	0.0%	28	0.02	0
	0.0%	28	0.01	0
	0.0%	30	0.01	0
	0.0%	40	0.01	0
	0.0%	40	0.00	0
	0.0%	26	0.01	0
	0.0%	18	0.01	0
	0.0%	18	0.01	0
	0.0%	18	0.00	0
180	0.0%	24	0.01	0
	0.0%	22	0.01	0
	0.0%	26	0.01	0

	0.0%	48	0.02	0
	0.0%	40	0.02	0
	0.0%	34	0.01	0
	0.0%	26	0.01	0
	0.0%	38	0.03	0
	0.0%	30	0.01	0
	0.0%	46	0.02	0
190	0.0%	36	0.02	0
	0.0%	42	0.02	0
	0.0%	56	0.01	0
	0.0%	36	0.01	0
	0.0%	28	0.02	0
	0.0%	52	0.01	0
	0.0%	46	0.02	0
	0.0%	42	0.03	0
	0.0%	58	0.04	0
	0.0%	54	0.03	0
200	0.0%	36	0.02	0
	0.0%	38	0.01	0
	0.0%	30	0.01	0
	0.0%	36	0.01	0
	0.0%	36	0.01	0
	0.0%	46	0.01	0
	0.0%	32	0.02	0
	0.0%	44	0.01	0
	0.0%	32	0.01	0
	0.0%	46	0.02	0
210	0.0%	46	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.02	0
	0.0%	34	0.01	0
	0.0%	50	0.02	0
	0.0%	46	0.04	0

	0.0%	16	0.00	0
	0.0%	30	0.01	0
	0.0%	20	0.00	0
220	0.0%	8	0.01	0
	0.0%	28	0.01	0
	0.0%	18	0.00	0
	0.0%	28	0.01	0
	0.0%	10	0.00	0
	0.0%	26	0.01	0
	0.0%	16	0.01	0
	0.0%	8	0.01	0
	0.0%	16	0.00	0
	0.0%	14	0.00	0
230	0.0%	12	0.00	0
	0.0%	30	0.01	0
	0.0%	24	0.01	0
	0.0%	8	0.00	0
	0.0%	18	0.00	0
	0.0%	14	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	14	0.00	0
240	0.0%	14	0.01	0
	0.0%	16	0.01	0
	0.0%	20	0.01	0
	0.0%	16	0.00	0
	0.0%	10	0.01	0
	0.0%	12	0.00	0
	0.0%	32	0.00	0
	0.0%	12	0.00	0
	0.0%	16	0.00	0
	0.0%	10	0.00	0
250	0.0%	22	0.00	0

	0.0%	8	0.00	0
	0.0%	20	0.00	0
	0.0%	16	0.00	0
	0.0%	22	0.02	0
	0.0%	18	0.01	0
	0.0%	30	0.02	0
	0.0%	10	0.00	0
	0.0%	16	0.01	0
	0.0%	20	0.00	0
260	0.0%	22	0.01	0
	0.0%	22	0.01	0
	0.0%	14	0.00	0
	0.0%	16	0.00	0
	0.0%	12	0.00	0
	0.0%	22	0.01	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	20	0.01	0
270	0.0%	22	0.01	0
	0.0%	16	0.00	0
	0.0%	18	0.00	0
	0.0%	12	0.00	0
	0.0%	12	0.00	0
	0.0%	14	0.01	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	12	0.00	0
280	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0

	0.0%	8	0.00	0
	0.0%	14	0.00	0
	0.0%	12	0.00	0
	0.0%	8	0.00	0
	0.0%	12	0.00	0
290	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0

Tabela 31: 500 Objetos Pre-Runtime Polygon OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
30				
	0.1%	8	0.09	0
	0.0%	1764	0.00	0
	0.0%	1764	0.90	0
	0.0%	12	0.02	0
	0.0%	22	0.90	0
	0.0%	42	0.02	0
	0.0%	42	0.03	0

	0.0%	50	0.03	0
	0.0%	68	0.04	0
40	0.0%	84	0.05	0
	0.0%	100	0.04	0
	0.1%	194	0.08	0
	0.1%	258	0.13	0
	0.1%	276	0.13	0
	0.2%	786	0.26	0
	0.3%	980	0.48	0
	0.2%	1246	0.64	0
	0.3%	1484	0.68	0
	0.3%	8342	0.77	0
50	0.3%	1706	4.11	0
	0.3%	1764	1.19	0
	0.3%	1764	0.90	0
	0.2%	8342	0.90	0
	0.2%	1986	4.11	0
	0.3%	2106	1.16	0
	0.3%	2316	1.40	0
	0.3%	3614	1.72	0
	0.3%	4188	1.93	0
	0.4%	4612	2.11	0
60	0.3%	4884	2.42	0
	0.3%	4826	2.46	0
	0.3%	5234	2.80	0
	0.3%	5900	3.41	0
	0.6%	6520	4.35	0
	0.3%	8342	3.90	0
	0.4%	7598	4.11	0
	0.6%	7598	3.61	0
	0.3%	8342	4.11	0
	0.3%	8860	4.04	0
70	0.3%	8816	3.65	0
	0.4%	7598	3.61	0

	0.5%	8318	3.61	0
	0.5%	7840	3.66	0
	0.5%	7922	3.64	0
	0.6%	8022	3.74	0
	0.8%	8028	3.65	0
	0.6%	7870	4.71	0
	0.6%	7656	3.40	0
	0.7%	7544	3.85	0
80	0.6%	7598	3.61	0
	0.8%	7500	3.56	0
	0.7%	7638	4.19	0
	0.7%	7598	3.61	0
	0.8%	7162	3.63	0
	0.7%	7510	3.53	0
	0.7%	7458	3.49	0
	0.7%	7538	2.92	0
	0.7%	7162	3.63	0
	0.7%	7520	3.57	0
90	0.7%	6208	3.26	0
	0.7%	7296	3.34	0
	0.8%	7320	3.60	0
	0.7%	7396	3.29	0
	0.7%	7372	3.52	0
	0.7%	7162	3.63	0
	0.8%	7426	3.83	0
	0.9%	7278	3.25	0
	0.8%	7152	3.50	0
	0.7%	7162	3.63	0
100	0.7%	7142	3.32	0
	0.8%	7128	3.33	0
	0.8%	7170	3.35	0
	0.8%	7188	3.31	0
	0.8%	7136	3.35	0
	0.8%	7132	3.42	0

	0.8%	7130	3.36	0
	0.8%	7128	3.35	0
	0.8%	7194	3.33	0
	0.8%	7066	3.32	0
110	0.8%	7098	3.32	0
	0.8%	7128	3.33	0
	0.8%	7086	3.47	0
	0.9%	7124	3.28	0
	0.8%	7114	3.30	0
	1.0%	7128	3.33	0
	0.8%	7026	3.42	0
	0.8%	7068	3.44	0
	0.9%	6858	3.22	0
	0.8%	7072	3.24	0
120	0.8%	7124	3.19	0
	1.0%	7130	3.28	0
	0.8%	7066	3.26	0
	1.0%	7090	3.30	0
	0.8%	6858	3.28	0
	0.8%	6858	3.22	0
	0.8%	6990	3.22	0
	0.8%	7008	3.22	0
	0.8%	6966	3.90	0
	1.0%	6978	3.16	0
130	0.8%	6920	3.21	0
	0.8%	6858	3.22	0
	1.0%	6864	4.11	0
	0.8%	6908	3.17	0
	1.1%	6946	3.29	0
	0.9%	6776	3.18	0
	0.9%	6964	3.11	0
	0.9%	6910	3.17	0
	1.0%	6876	3.14	0
	0.9%	6800	3.09	0

140	0.9%	6776	3.16	0
	1.0%	6822	3.11	0
	0.9%	6836	3.14	0
	0.9%	6776	3.26	0
	0.9%	6754	3.11	0
	1.0%	6754	2.98	0
	0.8%	6776	3.47	0
	0.9%	6780	3.11	0
	0.9%	6856	3.27	0
	0.9%	6828	3.24	0
150	0.9%	6798	3.13	0
	0.9%	6770	3.13	0
	0.9%	6818	3.20	0
	0.9%	6770	3.07	0
	0.9%	6788	3.09	0
	1.0%	6774	3.20	0
	0.8%	6824	3.10	0
	0.9%	6796	3.05	0
	0.9%	6818	3.20	0
	0.9%	6770	3.06	0
160	1.0%	6794	3.14	0
	0.9%	6770	3.36	0
	0.9%	6724	3.20	0
	1.0%	6740	3.11	0
	1.0%	6678	3.20	0
	0.9%	6750	3.10	0
	0.9%	6678	3.09	0
	0.9%	6668	3.00	0
	0.9%	6606	3.00	0
	0.9%	6596	3.12	0
170	0.9%	6706	3.09	0
	0.9%	6678	3.21	0
	0.9%	6702	3.11	0
	1.0%	6684	3.03	0

	1.0%	6678	3.05	0
	0.9%	6678	3.01	0
	0.9%	6546	3.09	0
	1.0%	6546	3.63	0
	1.1%	5594	3.13	0
	0.9%	6664	3.11	0
180	0.9%	6388	3.14	0
	1.0%	6622	3.04	0
	0.9%	6388	3.07	0
	1.0%	6584	3.05	0
	0.9%	6538	3.11	0
	1.0%	6516	2.92	0
	1.0%	6546	3.03	0
	1.0%	6566	2.97	0
	0.9%	6546	2.96	0
	0.9%	6494	3.04	0
190	0.9%	6526	3.12	0
	0.9%	6388	3.06	0
	0.9%	6464	3.13	0
	0.9%	6496	3.04	0
	0.9%	6446	3.00	0
	1.0%	6464	3.23	0
	0.9%	6388	3.02	0
	0.9%	6458	3.01	0
	0.9%	6462	3.05	0
	1.0%	6436	2.98	0
200	1.0%	6444	3.09	0
	0.9%	6426	3.11	0
	0.9%	6440	3.03	0
	0.9%	6464	3.05	0
	1.0%	6432	3.04	0
	1.0%	6454	3.22	0
	0.9%	6448	3.03	0
	1.0%	6532	3.16	0

	0.9%	6464	3.56	0
	0.9%	6460	3.09	0
210	0.9%	6450	3.11	0
	1.0%	6514	4.61	0
	1.0%	6532	3.03	0
	0.9%	6506	3.15	0
	1.0%	6516	3.31	0
	1.0%	6558	3.00	0
	1.0%	6518	3.16	0
	1.0%	6522	2.99	0
	1.0%	6532	3.17	0
	1.0%	6578	3.03	0
220	1.0%	6584	3.12	0
	1.0%	6528	2.96	0
	1.1%	6552	3.09	0
	1.0%	6576	3.08	0
	1.0%	6532	3.00	0
	1.0%	6536	3.22	0
	1.0%	6484	3.05	0
	1.1%	6528	3.07	0
	1.0%	6534	3.11	0
	1.0%	6574	3.02	0
230	1.0%	6566	3.06	0
	1.0%	6546	3.01	0
	1.0%	6516	3.11	0
	1.2%	6528	3.13	0
	1.0%	6552	3.15	0
	0.9%	6520	3.09	0
	1.0%	6554	3.85	0
	1.0%	6530	3.13	0
	1.0%	6522	3.03	0
	0.9%	6526	2.98	0
240	1.0%	6562	3.08	0
	1.0%	6564	3.63	0

	1.0%	6528	3.77	0
	1.2%	6520	2.97	0
	1.0%	6520	3.17	0
	1.0%	6528	4.00	0
	1.0%	6524	3.06	0
	1.0%	6490	3.11	0
	1.0%	6520	2.98	0
	1.0%	6520	3.03	0
250	1.2%	6510	3.01	0
	1.0%	6550	2.54	0
	1.0%	6544	3.14	0
	0.9%	6536	3.06	0
	1.1%	6524	3.18	0
	1.0%	6524	3.01	0
	1.0%	6490	2.95	0
	1.0%	6518	3.01	0
	1.0%	6516	3.07	0
	1.1%	6520	3.05	0
260	1.0%	6510	4.12	0
	1.2%	6532	3.01	0
	1.0%	6548	3.12	0
	1.3%	6504	3.13	0
	1.0%	6510	2.95	0
	1.0%	6478	2.97	0
	0.9%	6516	3.02	0
	1.0%	6476	3.02	0
	1.0%	6516	2.95	0
	1.0%	6540	5.09	0
270	1.1%	6504	3.25	0
	1.0%	5374	3.04	0
	1.2%	6472	3.03	0
	1.0%	6534	4.58	0
	1.3%	6480	2.96	0
	1.0%	6476	3.70	0

	0.9%	6488	3.04	0
	1.0%	6504	2.97	0
	1.0%	6510	3.01	0
	1.3%	6478	3.05	0
280	1.0%	6504	3.07	0
	1.0%	6538	3.42	0
	0.9%	6532	3.06	0
	1.0%	6518	2.99	0
	1.0%	6512	3.02	0
	0.9%	6494	3.10	0
	1.0%	6482	2.99	0
	1.0%	6452	3.03	0
	1.0%	6534	3.03	0
	1.0%	6468	3.05	0
290	1.1%	6534	3.11	0
	1.0%	6516	3.11	0
	0.4%	6520		0
	1.3%	6514		0
	1.0%	6506		0

Tabela 32: 500 Objetos Pre-Runtime Polygon OnTriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				

20				
	0.7%	4	0.33	32
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.02	0
30	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
40	0.0%	10	0.00	0
	0.0%	38	0.02	0
	0.0%	12	0.00	0
	0.0%	36	0.01	0
	0.0%	10	0.00	0
	0.0%	14	0.00	0
	0.0%	14	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0
50	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0

	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
60	0.0%	2	0.00	0
	0.0%	6	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
70				
110				
	0.0%	2	0.00	0
120				
	0.0%	2	0.00	0

	0.0%	2	0.00	0
130				
290				

Tabela 33: 500 Objetos Pre-Runtime Polygon OnTriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
20				

	0.2%	4	0.11	0
30				
	0.0%	8	0.00	0
	0.0%			
		2	0.00	0
	0.0%	6	0.00	0
	0.0%	6		
			0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
40				
	0.0%	2	0.00	0
	0.0%	14	0.01	0
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
50	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	16	0.00	0
	0.0%	16	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

60				
	0.0%	2	0.00	0
	0.0%	6	0.01	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
70				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
80				
	0.0%	2	0.00	0
90				
	0.0%	2	0.00	0

100				
190				
	0.0%	2	0.00	0
200				
290				

Tabela 34: 500 Objetos Pre-Runtime Polygon OnTriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
20				
	0.2%	8	0.34	0
	0.0%	8	0.12	0
	0.1%	12	0.34	0
	0.0%	12	0.02	0
	0.0%	12	0.01	0
	0.0%	34	0.04	0
	0.1%	36	0.04	0
	0.1%	36	0.04	0
	0.0%	64	0.04	0
30	0.1%	56	0.03	0
	0.0%	56	0.09	0
	0.0%	54	0.05	0
	0.0%	66	0.06	0
	0.0%	52	0.04	0
	0.0%	60	0.04	0
	0.0%	66	0.03	0
	0.0%	76	0.04	0
	0.0%	112	0.04	0
	0.1%	220	0.04	0
40	0.1%	326	0.07	0
	0.1%	436	0.07	0
	0.1%	478	0.12	0
	0.1%	564	0.24	0
	0.1%	612	0.23	0
	0.1%	658	0.26	0
	0.1%	700	0.32	0

	0.1%	700	0.31	0
	0.1%	712	0.37	0
	0.1%	732	0.33	0
50	0.1%	730	0.36	0
	0.0%	680	0.39	0
	0.0%	680	0.37	0
	0.0%	694	0.29	0
	0.0%	722	0.32	0
	0.0%	768	0.32	0
	0.0%	776	0.34	0
	0.0%	780	0.42	0
	0.0%	776	0.36	0
	0.0%	760	0.35	0
60	0.0%	760	0.60	0
	0.0%	764	0.37	0
	0.0%	770	0.32	0
	0.0%	780	0.35	0
	0.0%	780	0.59	0
	0.0%	778	0.36	0
	0.0%	768	0.38	0
	0.0%	768	0.38	0
	0.0%	770	0.42	0
	0.0%	780	0.40	0
70	0.0%	780	0.44	0
	0.0%	780	0.40	0
	0.1%	780	0.38	0
	0.0%	778	0.36	0
	0.0%	768	0.37	0
	0.0%	764	0.65	0
	0.0%	756	0.38	0
	0.0%	756	0.39	0
	0.0%	756	0.41	0
	0.0%	756	0.34	0
80	0.0%	756	0.32	0

	0.0%	756	0.41	0
	0.0%	756	0.39	0
	0.0%	756	0.42	0
	0.0%	630	0.37	0
	0.0%	756	0.37	0
	0.0%	748	0.29	0
	0.0%	744	0.42	0
	0.0%	744	0.36	0
	0.1%	736	0.37	0
90	0.0%	732	0.35	0
	0.0%	732	0.38	0
	0.0%	732	0.47	0
	0.0%	732	0.37	0
	0.1%	732	0.37	0
	0.0%	732	0.36	0
	0.0%	732	0.33	0
	0.0%	732	0.41	0
	0.0%	732	0.34	0
	0.1%	732	0.32	0
100	0.0%	732	0.32	0
	0.1%	732	0.32	0
	0.0%	732	0.41	0
	0.0%	732	0.36	0
	0.0%	732	0.40	0
	0.0%	732	0.35	0
	0.0%	732	0.36	0
	0.1%	732	0.33	0
	0.0%	732	0.36	0
	0.0%	732	0.36	0
110	0.0%	732	0.39	0
	0.0%	732	0.32	0
	0.0%	738	0.38	0
	0.0%	744	0.35	0
	0.1%	744	0.34	0

	0.0%	744	0.36	0
	0.0%	744	0.35	0
	0.0%	744	0.37	0
	0.0%	744	0.38	0
	0.0%	744	0.36	0
120	0.0%	744	0.33	0
	0.0%	752	0.36	0
	0.0%	756	0.33	0
	0.0%	756	0.35	0
	0.0%	756	0.36	0
	0.1%	756	0.36	0
	0.1%	756	0.37	0
	0.1%	768	0.36	0
	0.1%	768	0.52	0
	0.1%	768	0.39	0
130	0.1%	768	0.35	0
	0.1%	768	0.53	0
	0.1%	768	0.33	0
	0.1%	768	0.37	0
	0.1%	768	0.38	0
	0.1%	768	0.38	0
	0.1%	768	0.39	0
	0.1%	768	0.38	0
	0.1%	768	0.43	0
	0.1%	768	0.34	0
140	0.1%	768	0.37	0
	0.1%	768	0.37	0
	0.1%	768	0.36	0
	0.1%	768	0.36	0
	0.1%	768	0.39	0
	0.1%	768	0.35	0
	0.1%	768	0.40	0
	0.1%	768	0.38	0
	0.1%	768	0.42	0

	0.1%	768	0.39	0
150	0.1%	768	0.33	0
	0.1%	768	0.39	0
	0.1%	768	0.36	0
	0.1%	768	0.36	0
	0.1%	768	0.48	0
	0.1%	768	0.36	0
	0.1%	768	0.37	0
	0.1%	768	0.35	0
	0.1%	768	0.34	0
	0.1%	768	0.36	0
160	0.1%	768	0.34	0
	0.1%	768	0.34	0
	0.1%	768	0.40	0
	0.1%	768	0.35	0
	0.1%	768	0.44	0
	0.1%	768	0.39	0
	0.1%	768	0.40	0
	0.1%	640	0.36	0
	0.1%	768	0.37	0
	0.1%	768	0.28	0
170	0.1%	768	0.39	0
	0.1%	768	0.37	0
	0.1%	768	0.46	0
	0.1%	768	0.35	0
	0.1%	768	0.36	0
	0.1%	768	0.39	0
	0.1%	768	0.41	0
	0.1%	768	0.41	0
	0.1%	768	0.35	0
	0.1%	768	0.35	0
180	0.1%	768	0.37	0
	0.1%	768	0.36	0
	0.1%	768	0.36	0

	0.1%	768	0.35	0
	0.1%	768	0.41	0
	0.1%	768	0.38	0
	0.1%	768	0.38	0
	0.1%	768	0.43	0
	0.1%	768	0.36	0
	0.1%	768	0.40	0
190	0.1%	768	0.41	0
	0.1%	768	0.38	0
	0.1%	768	0.38	0
	0.1%	768	0.37	0
	0.1%	768	0.38	0
	0.1%	758	0.35	0
	0.1%	756	0.41	0
	0.1%	756	0.40	0
	0.1%	756	0.38	0
	0.1%	756	0.37	0
200	0.1%	756	0.38	0
	0.1%	756	0.37	0
	0.1%	756	0.36	0
	0.1%	756	0.40	0
	0.1%	756	0.41	0
	0.1%	756	0.47	0
	0.1%	756	0.41	0
	0.1%	756	0.36	0
	0.1%	756	0.37	0
	0.1%	756	0.63	0
210	0.1%	756	0.39	0
	0.1%	756	0.36	0
	0.1%	756	0.33	0
	0.1%	756	0.36	0
	0.1%	756	0.39	0
	0.1%	756	0.38	0
	0.1%	756	0.39	0

	0.1%	756	0.39	0
	0.1%	756	0.42	0
	0.1%	756	0.33	0
220	0.1%	756	0.45	0
	0.1%	756	0.35	0
	0.1%	756	0.36	0
	0.1%	756	0.39	0
	0.1%	756	0.37	0
	0.1%	756	0.39	0
	0.1%	756	0.37	0
	0.1%	756	0.42	0
	0.1%	756	0.40	0
	0.1%	756	0.37	0
230	0.1%	756	0.38	0
	0.1%	756	0.37	0
	0.1%	756	0.34	0
	0.1%	756	0.39	0
	0.1%	756	0.41	0
	0.1%	756	0.41	0
	0.1%	756	0.35	0
	0.1%	756	0.41	0
	0.1%	756	0.43	0
	0.1%	756	0.42	0
240	0.1%	756	0.37	0
	0.1%	756	0.39	0
	0.1%	756	0.43	0
	0.1%	756	0.59	0
	0.1%	756	0.40	0
	0.1%	756	0.36	0
	0.1%	756	0.41	0
	0.1%	756	0.35	0
	0.1%	756	0.34	0
	0.1%	756	0.36	0
250	0.1%	756	0.31	0

	0.1%	630	0.43	0
	0.1%	756	0.34	0
	0.1%	756	0.28	0
	0.1%	756	0.40	0
	0.1%	756	0.35	0
	0.1%	756	0.36	0
	0.1%	756	0.49	0
	0.1%	756	0.33	0
	0.1%	756	0.35	0
260	0.1%	756	0.35	0
	0.1%	756	0.41	0
	0.1%	756	0.36	0
	0.1%	756	0.54	0
	0.1%	756	0.41	0
	0.1%	756	0.36	0
	0.1%	756	0.35	0
	0.1%	756	0.36	0
	0.1%	756	0.41	0
	0.1%	756	0.36	0
270	0.2%	756	0.37	0
	0.1%	756	0.38	0
	0.1%	756	0.38	0
	0.1%	756	0.89	0
	0.1%	756	0.33	0
	0.1%	756	0.34	0
	0.1%	756	0.44	0
	0.1%	756	0.41	0
	0.1%	756	0.35	0
	0.1%	756	0.41	0
280	0.1%	756	0.41	0
	0.1%	756	0.37	0
	0.1%	756	0.39	0
	0.1%	756	0.38	0
	0.1%	756	0.33	0

	0.1%	756	0.37	0
	0.1%	756	0.38	0
	0.1%	756	0.38	0
	0.1%	756	0.35	0
	0.1%	756	0.46	0
290	0.1%	756	0.39	0
	0.1%	756	0.34	0
	0.0%	756	0.39	0
		756	0.39	0
			0.38	0

Tabela 35: 500 Objetos Pre-Runtime Polygon Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	18.9%	6	45.99	0
	77.8%	3	48.03	0
	77.8%	3	42.18	192
	85.7%	3	6.52	192
	84.8%	4	6.52	0
	18.0%	3	36.91	0
	71.2%	3	5.27	0
	48.4%	2	2.30	0
10	76.3%	1	2.30	0
	39.2%	6	35.23	0
	14.2%	6	6.14	0
	69.0%	3	33.28	0
	51.7%	1	4.13	22700000
	90.3%	2	2.03	0
	90.3%	1	32.34	22700000
	90.7%	3	259.42	0
	90.7%	6	259.42	0
	20.4%	6	6.52	0

20	87.8%	1	35.69	0
	76.7%	1	4.38	0
	85.4%	4	269.24	7400000
	87.1%	6	36.07	0
	86.7%	2	269.24	192
	87.5%	3	37.18	192
	83.2%	3	45.99	0
	68.0%	3	40.59	80
	78.3%	2	304.16	0
	87.5%	1	6.52	0
30	84.8%	6	45.99	160
	90.3%	3	6.52	22700000
	84.4%	6	34.63	0
	90.3%	3	43.50	22700000
	88.0%	3	41.89	56900
	87.8%	3	42.99	149300
	85.1%	3	48.14	220400
	87.8%	3	42.54	7400000
	94.5%	3	42.02	355600
	87.2%	3	41.48	7400000
40	86.8%	3	42.42	440800
	68.2%	6	43.11	32799999.999999996
	91.6%	3	269.24	1200000
	92.1%	6	269.24	1400000
	93.5%	6	42.55	2400000
	85.2%	4	45.99	3400000
	89.5%	4	43.69	4099999.9999999995
	94.8%	6	304.16	5200000
	85.4%	6	45.99	6000000
	87.8%	6	57.14	6400000
50	95.8%	6	304.16	7400000
	87.8%	6	89.60	6800000
	94.5%	6	980.38	7500000
	88.1%	6	102.22	7400000

	92.7%	6	120.76	32799999.999999996
	94.5%	6	149.44	8199999.999999999
	92.2%	6	172.56	9500000
	89.2%	6	181.71	11200000
	90.1%	6	182.32	32799999.999999996
	91.0%	6	208.66	16300000
60	90.3%	6	205.96	26600000
	90.2%	6	213.18	18000000
	91.3%	6	304.16	18600000
	94.5%	6	267.80	20000000
	91.3%	6	304.16	22300000
	92.4%	6	980.38	32799999.999999996
	94.0%	6	392.11	31600000
	94.5%	6	506.67	33000000
	94.6%	6	980.38	32799999.999999996
	89.2%	6	525.65	30800000
70	95.4%	6	441.71	26600000
	94.2%	6	545.19	28800000
	93.2%	6	573.97	28700000
	89.2%	6	619.16	29000000
	91.3%	6	665.04	28800000
	91.6%	6	871.39	26600000
	91.8%	6	970.43	28300000
	92.7%	6	980.38	27700000
	89.9%	6	1119.56	27400000
	90.6%	6	1179.42	25300000
80	89.2%	6	980.38	27000000
	90.4%	6	756.23	26600000
	89.6%	6	441.71	27100000
	89.2%	6	658.39	27300000
	89.2%	6	601.18	27200000
	89.4%	6	584.89	26700000
	89.3%	6	545.61	26600000
	92.7%	6	518.75	25300000

	93.4%	6	441.71	26900000
	93.9%	6	487.90	22200000
90	93.0%	6	492.19	26500000
	92.7%	6	477.74	26000000
	92.3%	6	372.98	26300000
	93.3%	6	457.75	25300000
	92.7%	5	441.71	26400000
	92.5%	6	482.78	25300000
	92.7%	6	468.15	25900000
	92.9%	6	425.29	25400000
	92.8%	6	441.71	24800000
	90.4%	6	443.65	25100000
100	93.4%	6	427.58	25300000
	92.7%	6	372.98	25500000
	93.2%	6	352.89	25200000
	94.1%	6	451.18	24800000
	93.6%	6	391.56	25100000
	92.9%	6	418.02	25400000
	92.4%	6	390.61	25000000
	93.5%	6	372.98	25000000
	92.3%	6	400.51	24800000
	93.3%	6	372.98	25200000
110	92.9%	6	395.09	24900000
	92.2%	6	384.27	24800000
	92.9%	6	388.20	25100000
	92.4%	6	348.94	25100000
	93.8%	6	417.18	25000000
	92.0%	6	380.69	24600000
	93.4%	6	372.98	24800000
	92.9%	6	383.52	24300000
	92.2%	6	357.50	25200000
	91.5%	6	352.88	25000000
120	91.9%	6	348.94	24300000
	93.2%	6	368.11	24800000

	91.3%	6	356.81	24800000
	92.2%	6	361.51	24300000
	93.1%	6	352.80	24700000
	93.1%	6	348.94	24600000
	92.2%	6	360.54	24600000
	91.9%	6	372.05	24600000
	91.8%	6	348.94	24400000
	93.0%	6	358.28	24300000
130	93.1%	6	350.04	24300000
	92.2%	6	364.65	24400000
	94.2%	6	348.94	24400000
	92.7%	6	338.55	24300000
	92.2%	6	337.36	24100000
	92.6%	6	365.22	23900000
	92.0%	6	336.47	24200000
	91.6%	6	331.76	24000000
	93.7%	6	337.36	24000000
	91.6%	6	351.25	24000000
140	91.6%	6	348.21	24000000
	91.6%	6	337.36	24000000
	91.4%	6	358.76	23800000
	93.7%	6	351.61	23800000
	92.4%	6	360.59	23800000
	92.5%	6	360.85	23900000
	90.9%	6	335.93	23900000
	91.5%	6	347.10	23800000
	90.9%	6	337.36	23800000
	90.9%	6	338.72	24000000
150	93.3%	6	337.36	23600000
	91.6%	6	318.47	24000000
	91.6%	6	321.03	23600000
	92.5%	6	310.04	23800000
	93.0%	6	298.45	23600000
	90.5%	6	309.58	23800000

	92.6%	6	298.21	23900000
	90.8%	6	305.48	23500000
	90.9%	6	314.53	23800000
	91.0%	6	326.67	23800000
160	90.9%	6	307.39	23500000
	91.0%	6	329.36	23800000
	90.3%	6	301.43	23500000
	91.0%	6	294.68	23800000
	90.5%	6	299.03	23600000
	91.2%	6	313.83	23600000
	92.0%	6	294.09	23500000
	91.6%	6	284.25	23600000
	91.2%	6	316.59	23400000
	93.1%	6	285.75	22900000
170	91.2%	6	291.98	23200000
	91.3%	6	297.10	23500000
	91.5%	6	295.13	23200000
	91.0%	6	292.77	23400000
	91.0%	6	304.93	22900000
	90.9%	6	290.34	23500000
	90.8%	6	284.58	22900000
	91.2%	6	292.45	23400000
	91.4%	6	297.70	22900000
	88.1%	6	289.42	23400000
180	90.9%	6	279.75	23300000
	91.2%	6	277.52	22900000
	92.5%	6	288.41	23400000
	90.5%	5	280.54	19600000
	92.6%	6	250.02	22900000
	90.9%	6	269.66	23400000
	91.5%	6	294.68	23300000
	92.5%	6	292.85	22900000
	89.8%	6	290.17	22600000
	90.8%	6	293.88	22900000

190	90.9%	6	289.42	22900000
	92.5%	6	284.14	22900000
	92.7%	6	301.76	23200000
	90.7%	6	287.73	22700000
	90.3%	6	294.48	23000000
	91.5%	6	286.43	22600000
	90.9%	6	295.37	22900000
	92.5%	6	293.35	22900000
	90.7%	6	314.98	23000000
	91.9%	6	292.06	22900000
200	93.1%	6	285.24	22600000
	92.2%	6	278.19	22700000
	90.3%	6	283.36	22600000
	91.0%	6	274.04	22500000
	92.5%	6	276.44	22600000
	91.8%	6	282.84	22800000
	90.2%	6	277.24	22900000
	93.1%	6	292.25	23100000
	90.3%	6	275.52	22800000
	91.6%	6	284.20	22600000
210	90.3%	6	271.65	22700000
	90.4%	6	284.66	22700000
	89.8%	6	288.85	22600000
	90.8%	6	278.47	22800000
	92.3%	6	277.37	22600000
	93.1%	6	366.67	22600000
	93.1%	6	276.46	22600000
	93.0%	6	283.48	23100000
	90.3%	6	292.40	22700000
	92.4%	6	257.76	22700000
220	89.8%	6	270.63	22700000
	92.0%	6	285.17	22900000
	90.1%	6	277.97	22800000
	93.1%	6	277.61	23100000

	90.3%	6	288.46	22900000
	92.3%	6	263.25	22700000
	89.8%	6	279.43	22800000
	91.6%	6	267.56	22700000
	91.1%	6	281.03	23100000
	91.9%	6	263.78	22800000
230	89.8%	6	263.22	22800000
	91.5%	6	272.61	23000000
	90.6%	6	260.51	23000000
	92.7%	6	258.57	22800000
	90.3%	6	261.35	23100000
	92.2%	6	288.46	22900000
	89.8%	6	255.24	22700000
	91.0%	6	258.79	22900000
	91.1%	6	268.56	23000000
	91.6%	6	288.46	22800000
240	92.7%	6	280.26	22800000
	91.8%	6	273.16	22700000
	91.1%	6	263.05	22600000
	90.1%	6	287.85	22700000
	91.2%	6	272.37	22800000
	92.1%	6	274.10	22900000
	90.7%	6	279.94	22900000
	91.1%	6	264.99	22900000
	91.1%	6	269.27	22700000
	91.3%	6	290.66	22800000
250	89.5%	6	288.46	22800000
	91.1%	6	250.35	22900000
	90.1%	6	268.27	22700000
	91.4%	6	255.24	22700000
	89.7%	6	288.46	22600000
	86.5%	6	255.24	22700000
	90.1%	6	273.06	22900000
	90.0%	6	233.32	22600000

	91.2%	6	262.83	22900000
	90.5%	6	285.03	22600000
260	92.0%	6	256.07	22800000
	92.3%	6	268.61	22800000
	90.9%	6	267.99	22700000
	91.0%	6	274.02	22700000
	88.6%	6	258.14	22900000
	90.1%	6	250.13	22800000
	91.6%	5	250.35	22600000
	90.2%	6	250.35	22700000
	91.9%	6	255.24	22800000
	86.5%	6	248.07	22600000
270	91.2%	6	253.45	22700000
	90.1%	6	255.24	22600000
	90.7%	6	275.29	22700000
	86.5%	6	265.95	22600000
	89.0%	6	262.93	22800000
	92.7%	6	300.31	22800000
	89.3%	6	282.41	22700000
	89.6%	6	256.83	22800000
	91.1%	6	259.07	22800000
	90.5%	6	322.96	22600000
280	92.4%	6	256.07	22600000
	89.7%	6	256.07	22700000
	91.8%	6	255.61	22600000
	86.5%	6	282.22	22700000
	90.5%	6	277.75	22800000
	91.2%	6	286.48	22600000
	92.2%	6	250.35	22700000
	91.2%	6	250.35	22700000
	86.5%	6	248.07	18800000
	91.0%	6	248.07	22700000
290	92.4%	6	266.34	22600000
	90.4%	6	251.00	22600000

	88.6%	6	260.38	22600000
	91.0%	6	257.29	22600000
	91.0%	6	269.24	22600000

A.1.6 MIL OBJETOS

Tabela 36: 1000 Objetos Pre-Runtime Polygon OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
	0.0%	6	0.09	0
	0.0%	10	0.00	0
	0.0%	14	0.00	0
	0.0%	16	0.00	0
	0.0%	16	0.00	0
	0.0%	8	0.02	0
20	0.0%	42	0.02	0
	0.0%	50	0.03	0
	0.0%	54	0.02	0
	0.0%	106	0.06	0
	0.0%	112	0.05	0
	0.0%	132	0.06	0

	0.0%	132	0.05	0
	0.0%	116	0.05	0
	0.0%	118	0.07	0
	0.0%	92	0.04	0
30	0.0%	110	0.05	0
	0.0%	128	0.06	0
	0.0%	166	0.06	0
	0.0%	232	0.25	0
	0.0%	232	0.12	0
	0.0%	254	0.14	0
	0.0%	294	0.14	0
	0.0%	350	0.16	0
	0.0%	376	0.19	0
	0.0%	286	0.12	0
40	0.0%	270	0.12	0
	0.0%	324	0.15	0
	0.0%	400	0.26	0
	0.0%	438	0.22	0
	0.0%	400	0.22	0
	0.0%	428	0.22	0
	0.0%	346	0.16	0
	0.0%	402	0.21	0
	0.0%	528	0.20	0
	0.0%	404	0.28	0
50	0.0%	528	0.23	0
	0.0%	550	0.24	0
	0.0%	444	0.23	0
	0.0%	454	0.24	0
	0.0%	424	0.25	0
	0.0%	556	0.27	0
	0.0%	680	0.32	0
	0.0%	720	0.34	0
	0.0%	620	0.37	0
	0.0%	590	0.26	0

60	0.0%	612	0.31	0
	0.0%	524	0.27	0
	0.0%	650	0.32	0
	0.0%	424	0.30	0
	0.0%	614	0.26	0
	0.0%	520	0.19	0
	0.0%	424	0.26	0
	0.0%	374	0.27	0
	0.0%	428	0.19	0
	0.0%	420	0.20	0
70	0.0%	374	0.17	0
	0.0%	412	0.20	0
	0.0%	460	0.22	0
	0.0%	374	0.19	0
	0.0%	388	0.23	0
	0.0%	406	0.19	0
	0.0%	400	0.19	0
	0.0%	444	0.22	0
	0.0%	404	0.18	0
	0.0%	386	0.24	0
80	0.0%	456	0.15	0
	0.0%	414	0.19	0
	0.0%	404	0.19	0
	0.0%	430	0.22	0
	0.0%	328	0.15	0
	0.0%	326	0.16	0
	0.0%	336	0.15	0
	0.0%	322	0.16	0
	0.0%	386	0.17	0
	0.0%	318	0.16	0
90	0.0%	318	0.18	0
	0.0%	326	0.17	0
	0.0%	328	0.23	0
	0.0%	278	0.19	0

	0.0%	342	0.17	0
	0.0%	282	0.14	0
	0.0%	322	0.17	0
	0.0%	330	0.16	0
	0.0%	278	0.16	0
	0.0%	238	0.12	0
100	0.0%	284	0.14	0
	0.0%	292	0.14	0
	0.0%	254	0.12	0
	0.0%	234	0.13	0
	0.0%	234	0.18	0
	0.0%	200	0.11	0
	0.0%	208	0.13	0
	0.0%	200	0.11	0
	0.0%	204	0.10	0
	0.0%	184	0.11	0
110	0.0%	232	0.11	0
	0.0%	236	0.12	0
	0.0%	196	0.09	0
	0.0%	172	0.11	0
	0.0%	204	0.17	0
	0.0%	208	0.11	0
	0.0%	224	0.11	0
	0.0%	164	0.07	0
	0.0%	200	0.13	0
	0.0%	190	0.09	0
120	0.0%	162	0.07	0
	0.0%	148	0.08	0
	0.0%	148	0.07	0
	0.0%	124	0.06	0
	0.0%	148	0.07	0
	0.0%	148	0.07	0
	0.0%	160	0.09	0
	0.0%	142	0.08	0

	0.0%	114	0.06	0
	0.0%	118	0.06	0
130	0.0%	124	0.06	0
	0.0%	120	0.05	0
	0.0%	140	0.07	0
	0.0%	142	0.09	0
	0.0%	144	0.09	0
	0.0%	144	0.06	0
	0.0%	148	0.07	0
	0.0%	144	0.06	0
	0.0%	102	0.05	0
	0.0%	98	0.05	0
140	0.0%	112	0.06	0
	0.0%	102	0.04	0
	0.0%	88	0.04	0
	0.0%	142	0.09	0
	0.0%	94	0.04	0
	0.0%	104	0.04	0
	0.0%	102	0.05	0
	0.0%	90	0.04	0
	0.0%	106	0.06	0
	0.0%	114	0.05	0
150	0.0%	82	0.03	0
	0.0%	74	0.05	0
	0.0%	86	0.05	0
	0.0%	68	0.07	0
	0.0%	100	0.04	0
	0.0%	66	0.06	0
	0.0%	84	0.04	0
	0.0%	122	0.08	0
	0.0%	92	0.05	0
	0.0%	128	0.06	0
160	0.0%	112	0.06	0
	0.0%	122	0.05	0

	0.0%	68	0.04	0
	0.0%	108	0.06	0
	0.0%	126	0.06	0
	0.0%	120	0.06	0
	0.0%	112	0.05	0
	0.0%	108	0.05	0
	0.0%	52	0.04	0
	0.0%	74	0.05	0
170	0.0%	112	0.03	0
	0.0%	74	0.03	0
	0.0%	92	0.06	0
	0.0%	84	0.04	0
	0.0%	94	0.04	0
	0.0%	70	0.03	0
	0.0%	68	0.03	0
	0.0%	68	0.03	0
	0.0%	52	0.02	0
	0.0%	66	0.04	0
180	0.0%	58	0.03	0
	0.0%	42	0.02	0
	0.0%	54	0.02	0
	0.0%	50	0.04	0
	0.0%	64	0.03	0
	0.0%	64	0.03	0
	0.0%	40	0.02	0
	0.0%	52	0.04	0
	0.0%	50	0.02	0
	0.0%	44	0.02	0
190	0.0%	38	0.02	0
	0.0%	60	0.03	0
	0.0%	46	0.02	0
	0.0%	42	0.02	0
	0.0%	50	0.02	0
	0.0%	62	0.04	0

	0.0%	54	0.03	0
	0.0%	48	0.02	0
	0.0%	58	0.03	0
	0.0%	58	0.02	0
200	0.0%	48	0.03	0
	0.0%	42	0.02	0
	0.0%	40	0.03	0
	0.0%	34	0.01	0
	0.0%	34	0.01	0
	0.0%	42	0.02	0
	0.0%	46	0.03	0
	0.0%	38	0.03	0
	0.0%	36	0.01	0
	0.0%	52	0.02	0
210	0.0%	58	0.02	0
	0.0%	38	0.02	0
	0.0%	54	0.03	0
	0.0%	70	0.02	0
	0.0%	56	0.02	0
	0.0%	50	0.01	0
	0.0%	48	0.03	0
	0.0%	70	0.03	0
	0.0%	54	0.03	0
	0.0%	38	0.02	0
220	0.0%	32	0.01	0
	0.0%	26	0.01	0
	0.0%	34	0.01	0
	0.0%	48	0.02	0
	0.0%	40	0.03	0
	0.0%	56	0.02	0
	0.0%	70	0.04	0
	0.0%	24	0.01	0
	0.0%	28	0.01	0
	0.0%	34	0.02	0

230	0.0%	34	0.02	0
	0.0%	38	0.01	0
	0.0%	34	0.01	0
	0.0%	28	0.01	0
	0.0%	38	0.02	0
	0.0%	32	0.01	0
	0.0%	42	0.03	0
	0.0%	32	0.02	0
	0.0%	34	0.01	0
	0.0%	36	0.01	0
240	0.0%	26	0.01	0
	0.0%	38	0.02	0
	0.0%	28	0.01	0
	0.0%	40	0.01	0
	0.0%	28	0.02	0
	0.0%	44	0.01	0
	0.0%	16	0.00	0
	0.0%	54	0.03	0
	0.0%	48	0.02	0
	0.0%	22	0.01	0
250	0.0%	18	0.01	0
	0.0%	28	0.02	0
	0.0%	40	0.03	0
	0.0%	20	0.00	0
	0.0%	20	0.01	0
	0.0%	14	0.00	0
	0.0%	18	0.00	0
	0.0%	34	0.01	0
	0.0%	24	0.01	0
	0.0%	40	0.02	0
260	0.0%	38	0.01	0
	0.0%	24	0.01	0
	0.0%	20	0.00	0
	0.0%	26	0.01	0

	0.0%	20	0.01	0
	0.0%	18	0.02	0
	0.0%	18	0.00	0
	0.0%	18	0.00	0
	0.0%	30	0.02	0
	0.0%	36	0.01	0
270	0.0%	36	0.01	0
	0.0%	16	0.00	0
	0.0%	18	0.01	0
	0.0%	16	0.01	0
	0.0%	22	0.00	0
	0.0%	24	0.01	0
	0.0%	12	0.01	0
	0.0%	22	0.01	0
	0.0%	14	0.00	0
	0.0%	14	0.01	0
280	0.0%	24	0.01	0
	0.0%	16	0.00	0
	0.0%	16	0.00	0
	0.0%	18	0.01	0
	0.0%	22	0.01	0
	0.0%	16	0.00	0
	0.0%	16	0.01	0
	0.0%	20	0.01	0
	0.0%	26	0.01	0
	0.0%	30	0.02	0
290	0.0%	32	0.01	0
	0.0%	16	0.00	0
	0.0%	24	0.01	0
	0.0%	30	0.01	0
	0.0%	12	0.00	0
	0.0%	20	0.00	0
	0.0%	12	0.00	0
	0.0%	24	0.01	0

	0.0%	24	0.05	0
	0.0%	30	0.01	0

Tabela 37: 1000 Objetos Pre-Runtime Polygon OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
	0.0%	2	0.03	0
	0.0%	4	0.11	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	20	0.00	0
20	0.0%	38	0.01	0
	0.0%	58	0.01	0
	0.0%	54	0.03	0
	0.0%	80	0.02	0
	0.0%	84	0.03	0
	0.0%	96	0.04	0
	0.0%	106	0.03	0
	0.0%	70	0.05	0

	0.0%	88	0.06	0
	0.0%	372	0.04	0
30	0.0%	102	0.05	0
	0.0%	122	0.07	0
	0.0%	164	0.22	0
	0.0%	152	0.09	0
	0.0%	152	0.08	0
	0.0%	196	0.09	0
	0.0%	248	0.11	0
	0.0%	282	0.11	0
	0.0%	232	0.17	0
	0.0%	220	0.11	0
40	0.0%	294	0.10	0
	0.0%	266	0.14	0
	0.0%	272	0.14	0
	0.0%	248	0.13	0
	0.0%	282	0.13	0
	0.0%	274	0.14	0
	0.0%	326	0.14	0
	0.0%	576	0.16	0
	0.0%	314	0.18	0
	0.0%	372	0.16	0
50	0.0%	318	0.25	0
	0.0%	372	0.17	0
	0.0%	364	0.22	0
	0.0%	444	0.22	0
	0.0%	394	0.20	0
	0.0%	414	0.22	0
	0.0%	464	0.22	0
	0.0%	534	0.24	0
	0.0%	468	0.28	0
	0.0%	536	0.27	0
60	0.0%	442	0.20	0
	0.0%	550	0.27	0

	0.0%	702	0.33	0
	0.0%	576	0.27	0
	0.0%	564	0.28	0
	0.0%	400	0.25	0
	0.0%	546	0.36	0
	0.0%	576	0.20	0
	0.0%	514	0.29	0
	0.0%	446	0.25	0
70	0.0%	414	0.21	0
	0.0%	436	0.21	0
	0.0%	428	0.19	0
	0.0%	368	0.20	0
	0.0%	370	0.18	0
	0.0%	456	0.17	0
	0.0%	406	0.23	0
	0.0%	374	0.20	0
	0.0%	400	0.19	0
	0.0%	386	0.18	0
80	0.0%	398	0.20	0
	0.0%	426	0.20	0
	0.0%	242	0.18	0
	0.0%	400	0.18	0
	0.0%	368	0.15	0
	0.0%	416	0.14	0
	0.0%	380	0.20	0
	0.0%	356	0.24	0
	0.0%	370	0.20	0
	0.0%	306	0.17	0
90	0.0%	274	0.14	0
	0.0%	294	0.12	0
	0.0%	322	0.17	0
	0.0%	242	0.23	0
	0.0%	320	0.14	0
	0.0%	348	0.17	0

	0.0%	318	0.14	0
	0.0%	294	0.16	0
	0.0%	242	0.14	0
	0.0%	192	0.12	0
100	0.0%	276	0.12	0
	0.0%	274	0.14	0
	0.0%	268	0.09	0
	0.0%	242	0.15	0
	0.0%	178	0.16	0
	0.0%	190	0.09	0
	0.0%	204	0.15	0
	0.0%	222	0.11	0
	0.0%	192	0.13	0
	0.0%	226	0.11	0
110	0.0%	220	0.10	0
	0.0%	192	0.09	0
	0.0%	214	0.11	0
	0.0%	208	0.13	0
	0.0%	192	0.14	0
	0.0%	216	0.09	0
	0.0%	126	0.10	0
	0.0%	180	0.09	0
	0.0%	156	0.08	0
	0.0%	234	0.11	0
120	0.0%	144	0.10	0
	0.0%	200	0.08	0
	0.0%	122	0.11	0
	0.0%	128	0.05	0
	0.0%	126	0.07	0
	0.0%	180	0.09	0
	0.0%	142	0.19	0
	0.0%	100	0.10	0
	0.0%	92	0.06	0
	0.0%	164	0.05	0

130	0.0%	126	0.08	0
	0.0%	116	0.06	0
	0.0%	180	0.06	0
	0.0%	102	0.10	0
	0.0%	172	0.08	0
	0.0%	138	0.06	0
	0.0%	118	0.04	0
	0.0%	124	0.05	0
	0.0%	102	0.07	0
	0.0%	100	0.07	0
140	0.0%	108	0.05	0
	0.0%	98	0.04	0
	0.0%	136	0.04	0
	0.0%	102	0.09	0
	0.0%	90	0.05	0
	0.0%	92	0.04	0
	0.0%	102	0.06	0
	0.0%	136	0.05	0
	0.0%	84	0.05	0
	0.0%	82	0.04	0
150	0.0%	80	0.04	0
	0.0%	122	0.04	0
	0.0%	76	0.03	0
	0.0%	90	0.06	0
	0.0%	122	0.08	0
	0.0%	78	0.03	0
	0.0%	90	0.04	0
	0.0%	90	0.08	0
	0.0%	92	0.04	0
	0.0%	118	0.05	0
160	0.0%	106	0.06	0
	0.0%	96	0.04	0
	0.0%	122	0.04	0
	0.0%	116	0.08	0

	0.0%	122	0.06	0
	0.0%	138	0.08	0
	0.0%	90	0.06	0
	0.0%	56	0.05	0
	0.0%	56	0.05	0
	0.0%	86	0.04	0
170	0.0%	88	0.02	0
	0.0%	100	0.02	0
	0.0%	90	0.06	0
	0.0%	98	0.05	0
	0.0%	80	0.05	0
	0.0%	56	0.03	0
	0.0%	68	0.03	0
	0.0%	60	0.03	0
	0.0%	56	0.02	0
	0.0%	52	0.05	0
180	0.0%	46	0.02	0
	0.0%	62	0.02	0
	0.0%	60	0.06	0
	0.0%	54	0.03	0
	0.0%	50	0.02	0
	0.0%	46	0.03	0
	0.0%	54	0.04	0
	0.0%	44	0.02	0
	0.0%	50	0.02	0
	0.0%	44	0.04	0
190	0.0%	38	0.02	0
	0.0%	50	0.01	0
	0.0%	58	0.03	0
	0.0%	40	0.02	0
	0.0%	54	0.02	0
	0.0%	50	0.02	0
	0.0%	68	0.03	0
	0.0%	48	0.04	0

	0.0%	40	0.03	0
	0.0%	60	0.04	0
200	0.0%	36	0.02	0
	0.0%	34	0.03	0
	0.0%	40	0.01	0
	0.0%	40	0.03	0
	0.0%	38	0.01	0
	0.0%	46	0.03	0
	0.0%	44	0.03	0
	0.0%	46	0.03	0
	0.0%	46	0.02	0
	0.0%	60	0.02	0
210	0.0%	40	0.03	0
	0.0%	52	0.02	0
	0.0%	50	0.04	0
	0.0%	34	0.03	0
	0.0%	48	0.02	0
	0.0%	44	0.02	0
	0.0%	90	0.02	0
	0.0%	50	0.05	0
	0.0%	30	0.02	0
	0.0%	32	0.01	0
220	0.0%	34	0.02	0
	0.0%	32	0.01	0
	0.0%	26	0.01	0
	0.0%	48	0.02	0
	0.0%	54	0.02	0
	0.0%	62	0.04	0
	0.0%	34	0.02	0
	0.0%	34	0.01	0
	0.0%	24	0.01	0
	0.0%	36	0.02	0
230	0.0%	30	0.01	0
	0.0%	34	0.01	0

	0.0%	28	0.01	0
	0.0%	34	0.01	0
	0.0%	36	0.01	0
	0.0%	34	0.03	0
	0.0%	24	0.02	0
	0.0%	48	0.04	0
	0.0%	30	0.03	0
	0.0%	36	0.01	0
240	0.0%	46	0.04	0
	0.0%	24	0.02	0
	0.0%	24	0.01	0
	0.0%	26	0.02	0
	0.0%	40	0.02	0
	0.0%	28	0.01	0
	0.0%	60	0.00	0
	0.0%	30	0.03	0
	0.0%	20	0.01	0
	0.0%	26	0.00	0
250	0.0%	40	0.02	0
	0.0%	26	0.02	0
	0.0%	16	0.01	0
	0.0%	20	0.00	0
	0.0%	26	0.02	0
	0.0%	18	0.02	0
	0.0%	18	0.01	0
	0.0%	32	0.00	0
	0.0%	16	0.01	0
	0.0%	26	0.02	0
260	0.0%	34	0.01	0
	0.0%	20	0.01	0
	0.0%	18	0.00	0
	0.0%	12	0.01	0
	0.0%	20	0.00	0
	0.0%	16	0.01	0

	0.0%	24	0.01	0
	0.0%	62	0.00	0
	0.0%	16	0.03	0
	0.0%	20	0.02	0
270	0.0%	16	0.01	0
	0.0%	20	0.01	0
	0.0%	14	0.00	0
	0.0%	24	0.01	0
	0.0%	20	0.01	0
	0.0%	16	0.00	0
	0.0%	20	0.00	0
	0.0%	22	0.01	0
	0.0%	20	0.01	0
	0.0%	18	0.00	0
280	0.0%	16	0.00	0
	0.0%	16	0.01	0
	0.0%	18	0.00	0
	0.0%	18	0.01	0
	0.0%	16	0.00	0
	0.0%	20	0.00	0
	0.0%	20	0.01	0
	0.0%	42	0.01	0
	0.0%	24	0.02	0
	0.0%	34	0.01	0
290	0.0%	20	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.00	0
	0.0%	18	0.01	0
	0.0%	14	0.00	0
	0.0%	16	0.00	0
	0.0%	14	0.01	0
	0.0%	26	0.01	0
	0.0%	22	0.01	0
	0.0%	28	0.01	0

Tabela 38: 1000 Objetos Pre-Runtime Polygon OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
	0.0%	2	0.03	0
	0.0%	4	0.11	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	20	0.00	0
20	0.0%	38	0.01	0
	0.0%	58	0.01	0
	0.0%	54	0.03	0
	0.0%	80	0.02	0
	0.0%	84	0.03	0
	0.0%	96	0.04	0
	0.0%	106	0.03	0
	0.0%	70	0.05	0
	0.0%	88	0.06	0
	0.0%	372	0.04	0
30	0.0%	102	0.05	0
	0.0%	122	0.07	0

	0.0%	164	0.22	0
	0.0%	152	0.09	0
	0.0%	152	0.08	0
	0.0%	196	0.09	0
	0.0%	248	0.11	0
	0.0%	282	0.11	0
	0.0%	232	0.17	0
	0.0%	220	0.11	0
40	0.0%	294	0.10	0
	0.0%	266	0.14	0
	0.0%	272	0.14	0
	0.0%	248	0.13	0
	0.0%	282	0.13	0
	0.0%	274	0.14	0
	0.0%	326	0.14	0
	0.0%	576	0.16	0
	0.0%	314	0.18	0
	0.0%	372	0.16	0
50	0.0%	318	0.25	0
	0.0%	372	0.17	0
	0.0%	364	0.22	0
	0.0%	444	0.22	0
	0.0%	394	0.20	0
	0.0%	414	0.22	0
	0.0%	464	0.22	0
	0.0%	534	0.24	0
	0.0%	468	0.28	0
	0.0%	536	0.27	0
60	0.0%	442	0.20	0
	0.0%	550	0.27	0
	0.0%	702	0.33	0
	0.0%	576	0.27	0
	0.0%	564	0.28	0
	0.0%	400	0.25	0

	0.0%	546	0.36	0
	0.0%	576	0.20	0
	0.0%	514	0.29	0
	0.0%	446	0.25	0
70	0.0%	414	0.21	0
	0.0%	436	0.21	0
	0.0%	428	0.19	0
	0.0%	368	0.20	0
	0.0%	370	0.18	0
	0.0%	456	0.17	0
	0.0%	406	0.23	0
	0.0%	374	0.20	0
	0.0%	400	0.19	0
	0.0%	386	0.18	0
80	0.0%	398	0.20	0
	0.0%	426	0.20	0
	0.0%	242	0.18	0
	0.0%	400	0.18	0
	0.0%	368	0.15	0
	0.0%	416	0.14	0
	0.0%	380	0.20	0
	0.0%	356	0.24	0
	0.0%	370	0.20	0
	0.0%	306	0.17	0
90	0.0%	274	0.14	0
	0.0%	294	0.12	0
	0.0%	322	0.17	0
	0.0%	242	0.23	0
	0.0%	320	0.14	0
	0.0%	348	0.17	0
	0.0%	318	0.14	0
	0.0%	294	0.16	0
	0.0%	242	0.14	0
	0.0%	192	0.12	0

100	0.0%	276	0.12	0
	0.0%	274	0.14	0
	0.0%	268	0.09	0
	0.0%	242	0.15	0
	0.0%	178	0.16	0
	0.0%	190	0.09	0
	0.0%	204	0.15	0
	0.0%	222	0.11	0
	0.0%	192	0.13	0
	0.0%	226	0.11	0
110	0.0%	220	0.10	0
	0.0%	192	0.09	0
	0.0%	214	0.11	0
	0.0%	208	0.13	0
	0.0%	192	0.14	0
	0.0%	216	0.09	0
	0.0%	126	0.10	0
	0.0%	180	0.09	0
	0.0%	156	0.08	0
	0.0%	234	0.11	0
120	0.0%	144	0.10	0
	0.0%	200	0.08	0
	0.0%	122	0.11	0
	0.0%	128	0.05	0
	0.0%	126	0.07	0
	0.0%	180	0.09	0
	0.0%	142	0.19	0
	0.0%	100	0.10	0
	0.0%	92	0.06	0
	0.0%	164	0.05	0
130	0.0%	126	0.08	0
	0.0%	116	0.06	0
	0.0%	180	0.06	0
	0.0%	102	0.10	0

	0.0%	172	0.08	0
	0.0%	138	0.06	0
	0.0%	118	0.04	0
	0.0%	124	0.05	0
	0.0%	102	0.07	0
	0.0%	100	0.07	0
140	0.0%	108	0.05	0
	0.0%	98	0.04	0
	0.0%	136	0.04	0
	0.0%	102	0.09	0
	0.0%	90	0.05	0
	0.0%	92	0.04	0
	0.0%	102	0.06	0
	0.0%	136	0.05	0
	0.0%	84	0.05	0
	0.0%	82	0.04	0
150	0.0%	80	0.04	0
	0.0%	122	0.04	0
	0.0%	76	0.03	0
	0.0%	90	0.06	0
	0.0%	122	0.08	0
	0.0%	78	0.03	0
	0.0%	90	0.04	0
	0.0%	90	0.08	0
	0.0%	92	0.04	0
	0.0%	118	0.05	0
160	0.0%	106	0.06	0
	0.0%	96	0.04	0
	0.0%	122	0.04	0
	0.0%	116	0.08	0
	0.0%	122	0.06	0
	0.0%	138	0.08	0
	0.0%	90	0.06	0
	0.0%	56	0.05	0

	0.0%	56	0.05	0
	0.0%	86	0.04	0
170	0.0%	88	0.02	0
	0.0%	100	0.02	0
	0.0%	90	0.06	0
	0.0%	98	0.05	0
	0.0%	80	0.05	0
	0.0%	56	0.03	0
	0.0%	68	0.03	0
	0.0%	60	0.03	0
	0.0%	56	0.02	0
	0.0%	52	0.05	0
180	0.0%	46	0.02	0
	0.0%	62	0.02	0
	0.0%	60	0.06	0
	0.0%	54	0.03	0
	0.0%	50	0.02	0
	0.0%	46	0.03	0
	0.0%	54	0.04	0
	0.0%	44	0.02	0
	0.0%	50	0.02	0
	0.0%	44	0.04	0
190	0.0%	38	0.02	0
	0.0%	50	0.01	0
	0.0%	58	0.03	0
	0.0%	40	0.02	0
	0.0%	54	0.02	0
	0.0%	50	0.02	0
	0.0%	68	0.03	0
	0.0%	48	0.04	0
	0.0%	40	0.03	0
	0.0%	60	0.04	0
200	0.0%	36	0.02	0
	0.0%	34	0.03	0

	0.0%	40	0.01	0
	0.0%	40	0.03	0
	0.0%	38	0.01	0
	0.0%	46	0.03	0
	0.0%	44	0.03	0
	0.0%	46	0.03	0
	0.0%	46	0.02	0
	0.0%	60	0.02	0
210	0.0%	40	0.03	0
	0.0%	52	0.02	0
	0.0%	50	0.04	0
	0.0%	34	0.03	0
	0.0%	48	0.02	0
	0.0%	44	0.02	0
	0.0%	90	0.02	0
	0.0%	50	0.05	0
	0.0%	30	0.02	0
	0.0%	32	0.01	0
220	0.0%	34	0.02	0
	0.0%	32	0.01	0
	0.0%	26	0.01	0
	0.0%	48	0.02	0
	0.0%	54	0.02	0
	0.0%	62	0.04	0
	0.0%	34	0.02	0
	0.0%	34	0.01	0
	0.0%	24	0.01	0
	0.0%	36	0.02	0
230	0.0%	30	0.01	0
	0.0%	34	0.01	0
	0.0%	28	0.01	0
	0.0%	34	0.01	0
	0.0%	36	0.01	0
	0.0%	34	0.03	0

	0.0%	24	0.02	0
	0.0%	48	0.04	0
	0.0%	30	0.03	0
	0.0%	36	0.01	0
240	0.0%	46	0.04	0
	0.0%	24	0.02	0
	0.0%	24	0.01	0
	0.0%	26	0.02	0
	0.0%	40	0.02	0
	0.0%	28	0.01	0
	0.0%	60	0.00	0
	0.0%	30	0.03	0
	0.0%	20	0.01	0
	0.0%	26	0.00	0
250	0.0%	40	0.02	0
	0.0%	26	0.02	0
	0.0%	16	0.01	0
	0.0%	20	0.00	0
	0.0%	26	0.02	0
	0.0%	18	0.02	0
	0.0%	18	0.01	0
	0.0%	32	0.00	0
	0.0%	16	0.01	0
	0.0%	26	0.02	0
260	0.0%	34	0.01	0
	0.0%	20	0.01	0
	0.0%	18	0.00	0
	0.0%	12	0.01	0
	0.0%	20	0.00	0
	0.0%	16	0.01	0
	0.0%	24	0.01	0
	0.0%	62	0.00	0
	0.0%	16	0.03	0
	0.0%	20	0.02	0

270	0.0%	16	0.01	0
	0.0%	20	0.01	0
	0.0%	14	0.00	0
	0.0%	24	0.01	0
	0.0%	20	0.01	0
	0.0%	16	0.00	0
	0.0%	20	0.00	0
	0.0%	22	0.01	0
	0.0%	20	0.01	0
	0.0%	18	0.00	0
280	0.0%	16	0.00	0
	0.0%	16	0.01	0
	0.0%	18	0.00	0
	0.0%	18	0.01	0
	0.0%	16	0.00	0
	0.0%	20	0.00	0
	0.0%	20	0.01	0
	0.0%	42	0.01	0
	0.0%	24	0.02	0
	0.0%	34	0.01	0
290	0.0%	20	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.00	0
	0.0%	18	0.01	0
	0.0%	14	0.00	0
	0.0%	16	0.00	0
	0.0%	14	0.01	0
	0.0%	26	0.01	0
	0.0%	22	0.01	0
	0.0%	28	0.01	0

Tabela 39: 1000 Objetos Pre-Runtime Polygon OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
	0.0%	12	0.09	0
	0.0%	44	1.66	0
	0.0%	98	0.03	0
	0.0%	152	1.66	0
	0.0%	152	0.05	0
	0.0%	160	0.07	0
20	0.0%	174	0.09	0
	0.0%	264	0.10	0
	0.0%	282	0.10	0
	0.1%	424	0.13	0
	0.1%	698	0.15	0
	0.1%	1194	0.20	0
	0.1%	1418	0.35	0
	0.3%	1552	0.47	0
	0.2%	1680	0.55	0
	0.3%	11026	0.69	0
30	0.2%	1902	0.77	0
	0.2%	11026	0.82	0

	0.2%	2382	0.88	0
	0.2%	2382	0.91	0
	0.2%	2874	6.25	0
	0.2%	3434	0.94	0
	0.2%	3964	6.25	0
	0.2%	4424	1.42	0
	0.3%	5172	1.66	0
	0.3%	5326	1.66	0
40	0.3%	6956	1.85	0
	0.3%	7814	2.36	0
	0.2%	8882	2.51	0
	0.3%	9384	2.49	0
	0.2%	18118	2.61	0
	0.3%	11026	3.19	0
	0.3%	10326	3.90	0
	0.3%	11026	4.38	0
	0.3%	18118	4.50	0
	0.2%	12268	4.70	0
50	0.3%	13158	5.09	0
	0.3%	13420	7.47	0
	0.3%	13430	5.89	0
	0.3%	14086	6.25	0
	0.3%	14880	5.88	0
	0.2%	16124	6.25	0
	0.2%	17190	7.47	0
	0.2%	17862	7.93	0
	0.2%	15302	6.66	0
	0.2%	18910	7.26	0
60	0.2%	18118	7.76	0
	0.2%	18816	7.51	0
	0.3%	15416	9.61	0
	0.2%	18118	8.12	0
	0.2%	17224	8.46	0
	0.2%	16074	7.16	0

	0.3%	15416	8.70	0
	0.3%	15536	8.81	0
	0.3%	15004	8.71	0
	0.3%	14890	7.47	0
70	0.3%	14878	8.89	0
	0.3%	14840	7.31	0
	0.3%	14912	7.47	0
	0.3%	14756	7.33	0
	0.3%	15416	7.27	0
	0.3%	14994	7.31	0
	0.3%	15136	7.02	0
	0.3%	15380	6.89	0
	0.3%	14646	6.93	0
	0.3%	15416	7.43	0
80	0.3%	15484	6.84	0
	0.3%	15010	7.22	0
	0.3%	14692	7.08	0
	0.3%	14646	7.02	0
	0.3%	14352	7.31	0
	0.3%	14436	7.24	0
	0.3%	14566	7.32	0
	0.3%	14658	6.98	0
	0.3%	14964	7.31	0
	0.3%	14870	6.81	0
90	0.3%	14646	7.24	0
	0.3%	14768	6.99	0
	0.4%	14592	7.26	0
	0.3%	14620	6.65	0
	0.3%	14646	6.73	0
	0.3%	14294	6.81	0
	0.4%	14626	6.87	0
	0.3%	14510	6.81	0
	0.3%	14564	9.18	0
	0.3%	14600	7.72	0

100	0.4%	14516	6.95	0
	0.4%	14448	6.81	0
	0.4%	14536	6.98	0
	0.4%	14294	6.89	0
	0.4%	14670	7.10	0
	0.4%	14294	7.01	0
	0.5%	14460	6.81	0
	0.4%	14374	6.86	0
	0.4%	14532	6.87	0
	0.4%	14510	6.95	0
110	0.4%	14294	7.50	0
	0.5%	14386	9.65	0
	0.5%	14336	7.17	0
	0.5%	14426	8.67	0
	0.5%	14524	8.58	0
	0.4%	14400	6.87	0
	0.4%	14462	7.00	0
	0.5%	14470	6.87	0
	0.5%	14354	7.27	0
	0.5%	14336	6.74	0
120	0.4%	14432	8.82	0
	0.5%	14336	10.76	0
	0.5%	14326	7.29	0
	0.5%	14252	6.87	0
	0.5%	14268	6.87	0
	0.5%	14466	6.59	0
	0.5%	14336	6.69	0
	0.5%	14260	6.88	0
	0.5%	14282	6.64	0
	0.5%	14256	6.76	0
130	0.5%	14332	6.80	0
	0.5%	14340	6.76	0
	0.5%	14282	6.59	0
	0.5%	14186	7.55	0

	0.5%	14316	6.59	0
	0.5%	14332	6.70	0
	0.5%	14338	7.51	0
	0.5%	14300	6.88	0
	0.5%	14298	6.84	0
	0.7%	14332	6.81	0
140	0.5%	14190	6.59	0
	0.5%	14272	6.61	0
	0.6%	14332	7.69	0
	0.6%	14372	6.68	0
	0.6%	14130	6.68	0
	0.5%	14320	6.65	0
	0.6%	14476	6.79	0
	0.6%	11912	7.05	0
	0.6%	14302	6.63	0
	0.6%	14476	6.68	0
150	0.6%	14338	6.78	0
	0.6%	14392	8.51	0
	0.6%	14322	6.95	0
	0.6%	14364	6.68	0
	0.6%	14432	6.64	0
	0.6%	14438	6.76	0
	0.6%	14468	6.86	0
	0.6%	14476	6.68	0
	0.7%	14494	6.55	0
	0.6%	14476	5.74	0
160	0.6%	14338	6.72	0
	0.6%	14318	6.60	0
	0.6%	14330	7.09	0
	0.6%	14162	6.72	0
	0.6%	14172	6.60	0
	0.6%	14110	6.86	0
	0.7%	14246	6.62	0
	0.7%	14190	7.16	0

	0.6%	14160	6.88	0
	0.6%	14158	6.89	0
170	0.6%	14080	6.66	0
	0.6%	14090	6.83	0
	0.6%	14142	7.66	0
	0.7%	14276	6.60	0
	0.7%	14276	6.60	0
	0.7%	14130	6.79	0
	0.7%	14160	6.64	0
	0.7%	14120	6.66	0
	0.7%	14092	6.89	0
	0.7%	14192	6.60	0
180	0.7%	14216	6.70	0
	0.7%	14240	6.69	0
	0.7%	14222	6.71	0
	0.7%	14276	6.55	0
	0.7%	14250	6.44	0
	0.7%	14218	6.59	0
	0.7%	14276	6.59	0
	0.7%	14126	6.57	0
	0.7%	14330	6.65	0
	0.8%	14260	6.56	0
190	0.7%	14126	7.02	0
	0.7%	14264	6.65	0
	0.7%	14342	7.02	0
	0.7%	14242	7.03	0
	0.7%	14230	6.52	0
	0.7%	14240	6.56	0
	0.7%	14208	6.58	0
	0.8%	14222	6.58	0
	0.7%	14190	6.72	0
	0.7%	14126	6.63	0
200	0.7%	14200	6.68	0
	0.7%	14194	7.02	0

	0.7%	14086	6.67	0
	0.7%	14192	6.63	0
	0.7%	14126	6.70	0
	0.8%	14092	7.02	0
	0.7%	14086	6.84	0
	0.8%	14112	6.69	0
	0.7%	14096	6.58	0
	0.8%	14130	6.70	0
210	0.7%	14152	6.70	0
	0.7%	14062	7.54	0
	0.7%	14090	6.64	0
	0.7%	14086	6.54	0
	0.7%	14152	7.14	0
	0.8%	14164	6.68	0
	0.7%	14142	6.70	0
	0.7%	14136	6.64	0
	0.7%	14156	6.60	0
	0.7%	14100	7.09	0
220	0.8%	14086	6.72	0
	0.7%	14158	6.64	0
	0.8%	14132	6.70	0
	0.8%	14132	6.86	0
	0.8%	14134	7.09	0
	0.7%	14182	6.73	0
	0.8%	14202	6.55	0
	0.7%	14200	6.64	0
	0.8%	14208	7.58	0
	0.7%	14208	6.66	0
230	0.7%	14216	6.80	0
	0.8%	14168	7.09	0
	0.8%	14142	6.57	0
	0.9%	14114	6.62	0
	0.7%	14156	6.56	0
	0.7%	14148	6.74	0

	0.8%	14098	6.75	0
	0.7%	14034	6.81	0
	0.8%	14104	6.47	0
	0.8%	14140	7.09	0
240	0.8%	14050	6.62	0
	0.7%	14090	6.67	0
	0.8%	14142	6.65	0
	0.9%	14162	6.59	0
	0.8%	14160	6.55	0
	0.8%	14150	6.69	0
	0.8%	14138	6.74	0
	0.8%	14230	6.76	0
	0.8%	14220	6.62	0
	0.8%	14192	7.57	0
250	0.9%	14232	5.56	0
	0.8%	14262	6.49	0
	0.8%	14284	6.77	0
	0.8%	14290	6.70	0
	0.8%	14296	6.75	0
	0.8%	14292	6.75	0
	0.8%	14164	6.72	0
	0.7%	14222	6.76	0
	0.8%	14268	6.62	0
	0.8%	14246	6.97	0
260	0.8%	14300	6.69	0
	1.0%	14284	6.56	0
	0.8%	14270	6.76	0
	0.8%	14242	6.58	0
	0.9%	14242	6.69	0
	0.7%	14266	6.70	0
	0.8%	14260	6.77	0
	0.8%	14242	6.64	0
	0.8%	14286	6.91	0
	0.8%	14260	6.72	0

270	0.8%	14266	6.73	0
	0.7%	14338	6.58	0
	0.8%	14162	8.19	0
	0.8%	14206	6.66	0
	0.8%	14226	6.72	0
	0.8%	14238	8.03	0
	0.8%	14282	6.76	0
	0.9%	14298	6.73	0
	0.8%	14298	6.64	0
	0.8%	14264	6.60	0
280	0.7%	14266	6.87	0
	0.7%	14262	6.56	0
	0.8%	14282	7.09	0
	0.8%	14302	6.72	0
	0.8%	14280	7.73	0
	0.7%	14310	6.58	0
	0.8%	14330	7.78	0
	0.8%	14338	6.72	0
	0.8%	14296	6.53	0
	0.8%	14338	6.58	0
290	0.8%	14308	6.61	0
	0.8%	14282	6.74	0
	0.7%	14278	6.79	0
	0.8%	14296	6.78	0
	0.8%	14338	6.74	0
	0.8%	14328	6.87	0
	0.8%	14366	7.21	0
	0.8%	14342	6.96	0
	0.7%	14364	7.18	0
	0.8%	14372	6.69	0

Tabela 40: 1000 Objetos Pre-Runtime Polygon OnTriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.1%		0.32	0
10		8		
	0.0%		0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	
		8	0.00	0
	0.0%	10		0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	36	0.01	0
20	0.0%	14	0.00	0
	0.0%	24	0.00	0
	0.0%	2	0.01	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
30	0.0%		0.00	0
		8	0.00	0

	0.0%	6		0
	0.0%	12	0.00	
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
		4	0.00	
	0.0%		0.00	
40		2	0.00	0
	0.0%			
			0.00	0
	0.0%	2		
	0.0%		0.00	
				0
		4	0.00	0
	0.0%	2		0
	0.0%	2		
	0.0%	2	0.00	
50	0.0%		0.00	
	0.0%		0.00	0
				0
		2		0
		2		0
	0.0%		0.00	
		2	0.00	0
	0.0%	2	0.00	0
	0.0%		0.00	0
	0.0%	2		
60		4	0.00	0
	0.0%	4	0.00	0
	0.0%	10		0
	0.0%		0.00	
			0.00	
			0.00	

			0.00	
		2		0
		2		
70				
			0.00	
80				
	0.0%			0
	0.0%	4		0
	0.0%	2		0
	0.0%			
			0.00	
			0.00	
90				
		2		0

100	0.0%			
		2	0.00	0
	0.0%	2		
			0.00	
110				
				0
	0.0%	2		0
			0.00	
120				
150				
	0.0%	2		0
160			0.00	
			0.00	

		2		0
			0.00	
170				
180				
	0.0%			
	0.0%			0
			0.00	
190				
		2		
	0.0%			0
		4	0.00	
	0.0%			0
200				
			0.00	
		2		

	0.0%			0
			0.00	
210		2		
	0.0%	2		0
			0.00	
220				
290				

Tabela 41: 1000 Objetos Pre-Runtime Polygon OnTriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
	0.0%	2	0.09	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.01	
		8	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
20	0.0%	2	0.00	0
	0.0%			0
	0.0%	4	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	16	0.00	0
	0.0%	14	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
30	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
		2	0.00	
	0.0%	2	0.00	0

	0.0%	4	0.00	0
	0.0%	8	0.00	0
		4	0.00	0
		4	0.00	
40		4	0.00	
		2	0.00	
		8	0.00	
			0.00	
		6		
		2	0.00	
		2	0.00	
	0.0%	6	0.00	
	0.0%	2		0
	0.0%	2		0
50		4		
	0.0%			0
	0.0%			0
	0.0%			
	0.0%			0
	0.0%			0
60	0.0%			
	0.0%		0.00	
			0.00	
	0.0%		0.00	
		4	0.00	
		2		
			0.00	
		2	0.00	
		2	0.00	
		2	0.00	

70			0.00	
		2	0.00	
			0.00	
			0.00	
			0.00	
				0
				0
80				0
	0.0%			
	0.0%			
	0.0%			
	0.0%			
90		2		
		4		0
		6		0
		4		
			0.00	
			0.00	
	0.0%		0.00	
	0.0%		0.00	
100				
				0

		2		
		2		
	0.0%		0.00	0
	0.0%		0.00	
110				
	0.0%			
		2		
		2		
120			0.00	
		2		
		2		0
			0.00	
	0.0%			
130	0.0%			0
	0.0%			

		2		
140			0.00	
			0.00	
		2		
			0.00	
150				
				0
				0
160				0
	0.0%			
	0.0%			
170				

		2		
		2		
		2		
			0.00	
		2	0.00	
			0.00	
				0
			0.00	
180				
	0.0%			
	0.0%			
190				0
	0.0%			
				0
			0.00	0
	0.0%		0.00	
200				
		2		0
	0.0%	2		
	0.0%			

		2	0.00	
210	0.0%			
		2		
		2		
		2	0.00	
220		2		
			0.00	
230				
290				

Tabela 42: 1000 Objetos Pre-Runtime Polygon OnTriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.0%	4	0.09	0
10	0.0%	868	0.07	0
	0.0%	24	0.10	0
	0.0%	868	0.51	0
	0.0%	868	0.10	0
	0.0%	112	0.51	0
	0.0%	120	0.10	0
	0.0%	114	0.09	0
	0.0%	178	0.10	0
	0.0%	852	0.10	0
	0.0%	426	0.10	0
20	0.0%	472	0.12	0
	0.0%	768	0.39	0
	0.0%	564	0.39	0
	0.1%	768	0.13	0
	0.0%	604	0.19	0
	0.1%	692	0.27	0
	0.1%	692	0.26	0
	0.0%	650	0.37	0

	0.1%	692	0.64	0
	0.1%	692	0.36	0
30	0.0%	678	0.45	0
	0.1%	664	0.32	0
	0.0%	688	0.64	0
	0.0%	718	0.41	0
	0.0%	742	0.36	0
	0.0%	756	0.38	0
	0.0%	772	0.37	0
	0.0%	786	0.41	0
	0.0%	772	0.39	0
	0.0%	756	0.39	0
40	0.0%	720	0.35	0
	0.0%	852	0.39	0
	0.0%	726	0.39	0
	0.0%	768	0.39	0
	0.0%	768	0.41	0
	0.0%	852	0.64	0
	0.0%	768	0.36	0
	0.0%	768	0.64	0
	0.0%	768	0.39	0
	0.0%	774	0.64	0
50	0.0%	784	0.45	0
	0.0%	870	0.39	0
	0.0%	816	0.64	0
	0.0%	808	0.41	0
	0.0%	820	0.41	0
	0.0%	852	0.35	0
	0.0%	834	0.45	0
	0.0%	830	0.45	0
	0.0%	852	0.37	0
	0.0%	852	0.41	0
60	0.0%	686	0.42	0
	0.0%	824	0.41	0

	0.0%	852	0.43	0
	0.0%	872	0.40	0
	0.0%	876	0.41	0
	0.0%	870	0.32	0
	0.0%	866	0.45	0
	0.0%	864	0.38	0
	0.0%	864	0.41	0
	0.0%	868	0.47	0
70	0.0%	876	0.45	0
	0.0%	876	0.45	0
	0.0%	876	0.41	0
	0.0%	876	0.41	0
	0.0%	870	0.45	0
	0.0%	816	0.45	0
	0.0%	870	0.39	0
	0.0%	876	0.51	0
	0.0%	876	0.51	0
	0.0%	876	0.48	0
80	0.0%	876	0.64	0
	0.0%	876	0.41	0
	0.0%	876	0.41	0
	0.0%	876	0.45	0
	0.0%	876	0.41	0
	0.0%	870	0.45	0
	0.0%	816	0.50	0
	0.0%	868	0.45	0
	0.0%	834	0.47	0
	0.0%	816	0.43	0
90	0.0%	828	0.48	0
	0.0%	828	0.43	0
	0.0%	816	0.41	0
	0.0%	828	0.44	0
	0.0%	814	0.47	0
	0.0%	828	0.42	0

	0.0%	828	0.45	0
	0.0%	828	0.50	0
	0.0%	828	0.53	0
	0.0%	828	0.37	0
100	0.0%	824	0.50	0
	0.0%	824	0.39	0
	0.0%	816	0.38	0
	0.0%	816	0.50	0
	0.0%	814	0.39	0
	0.0%	814	0.41	0
	0.0%	828	0.45	0
	0.0%	828	0.68	0
	0.0%	828	0.44	0
	0.0%	814	0.50	0
110	0.0%	828	0.45	0
	0.0%	828	0.39	0
	0.0%	814	0.39	0
	0.0%	816	0.40	0
	0.0%	816	0.42	0
	0.0%	816	0.41	0
	0.0%	814	0.49	0
	0.0%	814	0.49	0
	0.0%	816	0.43	0
	0.0%	814	0.39	0
120	0.0%	816	0.44	0
	0.0%	816	0.38	0
	0.0%	816	0.38	0
	0.0%	816	0.52	0
	0.0%	816	0.39	0
	0.0%	814	0.39	0
	0.0%	816	0.39	0
	0.0%	816	0.38	0
	0.0%	816	0.40	0
	0.0%	816	0.38	0

130	0.0%	792	0.41	0
	0.0%	816	0.45	0
	0.0%	792	0.44	0
	0.0%	814	0.48	0
	0.0%	804	0.37	0
	0.0%	792	0.38	0
	0.0%	804	0.40	0
	0.0%	804	0.47	0
	0.0%	792	0.40	0
	0.0%	792	0.40	0
140	0.0%	792	0.40	0
	0.0%	792	0.38	0
	0.0%	792	0.39	0
	0.0%	792	0.42	0
	0.0%	660	0.38	0
	0.0%	804	0.40	0
	0.0%	792	0.40	0
	0.0%	792	0.37	0
	0.0%	792	0.38	0
	0.0%	804	0.38	0
150	0.0%	792	0.41	0
	0.0%	792	0.43	0
	0.0%	804	0.39	0
	0.0%	792	0.43	0
	0.0%	792	0.40	0
	0.0%	780	0.38	0
	0.0%	792	0.36	0
	0.0%	792	0.42	0
	0.0%	792	0.40	0
	0.0%	800	0.38	0
160	0.0%	780	0.36	0
	0.0%	804	0.46	0
	0.0%	780	0.40	0
	0.0%	804	0.36	0

	0.0%	804	0.34	0
	0.0%	804	0.39	0
	0.0%	780	0.39	0
	0.0%	804	0.55	0
	0.0%	804	0.44	0
	0.0%	784	0.38	0
170	0.0%	792	0.41	0
	0.0%	782	0.41	0
	0.0%	780	0.36	0
	0.0%	780	0.36	0
	0.0%	780	0.55	0
	0.0%	780	0.41	0
	0.0%	780	0.55	0
	0.0%	780	0.39	0
	0.0%	780	0.35	0
	0.0%	780	0.36	0
180	0.0%	780	0.36	0
	0.0%	780	0.34	0
	0.0%	780	0.59	0
	0.0%	780	0.41	0
	0.0%	780	0.41	0
	0.0%	780	0.39	0
	0.0%	780	0.42	0
	0.0%	780	0.55	0
	0.0%	780	0.40	0
	0.0%	780	0.55	0
190	0.0%	784	0.41	0
	0.0%	780	0.36	0
	0.0%	792	0.35	0
	0.0%	780	0.36	0
	0.0%	780	0.59	0
	0.0%	780	0.36	0
	0.0%	780	0.59	0
	0.0%	780	0.43	0

	0.0%	780	0.47	0
	0.0%	780	0.39	0
200	0.0%	780	0.40	0
	0.0%	780	0.48	0
	0.0%	786	0.59	0
	0.0%	780	0.39	0
	0.0%	780	0.46	0
	0.0%	780	0.35	0
	0.0%	782	0.38	0
	0.0%	780	0.59	0
	0.0%	792	0.34	0
	0.0%	780	0.35	0
210	0.0%	792	0.36	0
	0.0%	792	0.38	0
	0.0%	792	0.40	0
	0.0%	786	0.39	0
	0.0%	780	0.35	0
	0.0%	792	0.34	0
	0.0%	780	0.41	0
	0.0%	780	0.39	0
	0.0%	780	0.37	0
	0.0%	780	0.35	0
220	0.0%	780	0.37	0
	0.0%	786	0.37	0
	0.0%	780	0.34	0
	0.0%	780	0.38	0
	0.0%	780	0.39	0
	0.0%	780	0.35	0
	0.0%	780	0.39	0
	0.0%	780	0.35	0
	0.0%	780	0.34	0
	0.0%	780	0.37	0
230	0.0%	780	0.39	0
	0.0%	780	0.34	0

	0.0%	780	0.34	0
	0.0%	780	0.35	0
	0.0%	780	0.40	0
	0.0%	780	0.35	0
	0.0%	780	0.36	0
	0.0%	650	0.34	0
	0.0%	780	0.34	0
	0.0%	780	0.38	0
240	0.0%	780	0.38	0
	0.0%	780	0.43	0
	0.0%	780	0.48	0
	0.0%	780	0.45	0
	0.0%	780	0.36	0
	0.0%	780	0.38	0
	0.0%	780	0.29	0
	0.0%	780	0.34	0
	0.0%	780	0.38	0
	0.0%	780	0.34	0
250	0.0%	780	0.37	0
	0.0%	780	0.51	0
	0.0%	780	0.49	0
	0.0%	780	0.38	0
	0.0%	780	0.36	0
	0.0%	780	0.36	0
	0.0%	780	0.38	0
	0.0%	780	0.34	0
	0.0%	780	0.38	0
	0.0%	780	0.35	0
260	0.0%	780	0.34	0
	0.0%	780	0.47	0
	0.0%	780	0.41	0
	0.0%	780	0.37	0
	0.0%	780	0.46	0
	0.0%	780	0.44	0

	0.0%	780	0.34	0
	0.0%	780	0.38	0
	0.0%	780	0.47	0
	0.0%	780	0.62	0
270	0.0%	780	0.43	0
	0.0%	780	0.49	0
	0.0%	780	0.34	0
	0.0%	780	0.40	0
	0.0%	780	0.35	0
	0.0%	780	0.49	0
	0.0%	780	0.39	0
	0.0%	780	0.37	0
	0.0%	780	0.36	0
	0.0%	780	0.42	0
280	0.0%	780	0.42	0
	0.0%	780	0.52	0
	0.0%	780	0.38	0
	0.0%	780	0.49	0
	0.0%	780	0.39	0
	0.0%	780	0.38	0
	0.0%	780	0.42	0
	0.0%	780	0.49	0
	0.0%	780	0.40	0
	0.0%	780	0.42	0
290	0.0%	780	0.35	0
	0.0%	780	0.39	0
	0.0%	780	0.39	0
	0.0%	780	0.40	0
	0.0%	780	0.37	0
	0.0%	780	0.42	0
	0.0%	780	0.39	0
	0.0%	780	0.37	0
	0.0%	780	0.46	0
	0.0%	780	0.41	0

Tabela 43: 1000 Objetos Pre-Runtime Polygon Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	30.3%	6	22.63	0
	76.5%	4	95.07	0
	94.2%	6	180.10	0
	78.5%	6	98.86	0
	89.5%	6	175.40	0
	91.9%	6	115.05	0
	85.0%	6	173.03	0
	88.7%	6	187.13	192
10	94.2%	6	193.04	0
	84.3%	6	181.29	160
	89.7%	6	192.66	160
	95.0%	6	190.40	0
	86.0%	6	182.51	71100
	88.3%	6	196.75	192000
	94.7%	6	199.91	412300
	86.0%	6	188.52	600000
	89.3%	6	197.14	600000
	94.3%	6	207.55	800000
20	86.4%	6	215.68	1200000
	89.6%	6	242.60	1400000
	90.0%	6	271.15	2000000
	92.0%	6	285.89	3100000
	89.6%	6	295.19	3800000
	92.6%	6	316.90	4900000
	90.1%	6	330.25	5700000
	92.3%	6	322.36	6200000
	90.6%	6	319.55	6400000
	93.5%	6	353.63	6900000
30	92.9%	6	401.37	7400000
	94.1%	6	422.32	8199999.999999999

	91.6%	6	514.37	9600000
	90.7%	6	551.26	11400000
	91.4%	6	582.94	13600000
	92.1%	6	676.22	15800000
	92.7%	6	716.59	17600000
	92.0%	6	741.15	19800000
	92.9%	6	787.28	20200000
	92.6%	6	801.98	21500000
40	93.8%	6	876.48	23400000
	94.3%	6	1078.37	26600000
	95.2%	6	1137.76	29400000
	95.2%	6	1233.91	33299999.999999996
	95.0%	6	1148.19	34700000
	94.5%	6	1120.04	36700000
	95.6%	6	1239.38	38300000
	95.9%	6	1539.99	41200000
	96.7%	6	1782.97	45800000
	96.2%	6	1796.16	48500000
50	96.9%	6	1812.69	49700000
	96.4%	6	1777.67	49500000
	96.8%	6	1978.28	52300000
	97.6%	6	2544.59	55600000
	97.9%	6	3064.97	60300000
	98.0%	6	3394.58	63400000
	98.0%	6	3288.45	65000000
	98.1%	6	3459.35	66000000
	97.6%	5	2907.37	56500000
	98.1%	6	3516.70	69800000
60	98.1%	6	3378.51	69900000
	97.8%	6	3107.13	68300000
	97.6%	6	2733.04	66300000
	97.3%	6	2520.97	63100000
	97.1%	6	2323.89	59200000
	97.2%	6	2193.47	57200000

	97.0%	6	2153.83	54900000
	96.8%	6	2099.24	54600000
	96.9%	6	2092.43	54800000
	96.9%	6	2050.12	54300000
70	97.0%	6	2072.50	53700000
	97.1%	6	2063.83	54500000
	97.2%	6	2032.27	54100000
	97.0%	6	2085.29	54200000
	97.0%	6	2061.10	54700000
	96.8%	6	2073.43	55500000
	96.7%	6	2065.59	56200000
	97.0%	6	2034.03	56400000
	96.8%	6	2002.35	56300000
	96.7%	6	1902.00	56200000
80	96.7%	6	1900.16	54700000
	96.7%	6	1870.55	53500000
	96.7%	6	1877.65	52200000
	96.6%	6	1911.37	52700000
	96.7%	6	1893.57	52700000
	96.9%	6	1881.39	52900000
	96.8%	6	1894.53	54100000
	96.3%	6	2039.52	54000000
	95.7%	6	2052.94	53800000
	96.1%	6	1858.11	53400000
90	95.3%	6	1821.53	53000000
	96.6%	6	1804.62	53000000
	96.3%	6	1741.35	52800000
	96.3%	6	1684.59	52400000
	96.1%	6	1658.59	52300000
	96.2%	6	1617.88	52500000
	96.1%	6	1630.51	52500000
	95.2%	6	1626.04	52100000
	95.9%	6	1982.98	51800000
	94.9%	6	1561.42	51800000

100	95.6%	6	1672.53	52300000
	96.3%	6	1581.82	52400000
	94.9%	6	1556.24	51600000
	95.6%	6	1566.19	51500000
	95.8%	6	1521.11	51500000
	95.9%	6	1463.26	51800000
	88.5%	6	1541.95	51700000
	96.6%	6	1816.08	51000000
	95.8%	6	1404.78	51300000
	95.5%	6	1364.62	51700000
110	95.6%	6	1321.03	51300000
	95.1%	6	1334.87	51700000
	95.4%	6	1308.33	51500000
	95.4%	6	1294.05	51300000
	95.0%	6	1296.66	51400000
	95.4%	6	1291.89	50800000
	95.3%	6	1254.97	51100000
	95.1%	6	1264.56	50900000
	95.0%	6	1244.70	50600000
	95.3%	6	1217.94	50500000
120	95.1%	6	1233.41	50500000
	95.3%	6	1225.00	50900000
	95.3%	6	1192.47	50800000
	95.0%	6	1207.67	50400000
	95.0%	6	1204.16	50500000
	95.2%	6	1183.28	50600000
	95.2%	6	1223.41	50700000
	95.2%	6	1219.64	50700000
	95.1%	6	1186.62	50200000
	95.0%	6	1187.30	50600000
130	95.1%	6	1184.10	50500000
	95.0%	6	1132.30	50400000
	94.7%	6	1155.84	50600000
	94.9%	6	1104.38	50300000

	95.0%	6	1099.29	50200000
	94.3%	6	1111.65	50200000
	94.8%	6	1087.30	50300000
	94.8%	6	1066.13	50400000
	93.9%	6	1064.35	50600000
	94.6%	6	1072.95	49900000
140	94.4%	6	1043.77	50000000
	94.5%	6	1056.84	50300000
	93.5%	5	850.93	41900000
	94.1%	6	1039.64	50200000
	94.2%	6	1018.77	50400000
	94.6%	6	1003.38	50500000
	94.0%	6	1026.85	50300000
	94.1%	6	1004.41	50600000
	94.1%	6	982.41	50700000
	94.1%	6	1010.28	51000000
150	94.1%	6	993.51	51000000
	93.9%	6	958.76	51100000
	93.8%	6	975.67	50800000
	94.3%	6	986.58	50600000
	94.3%	6	957.32	50500000
	93.7%	6	968.24	50600000
	93.5%	6	948.51	50000000
	93.2%	6	964.23	50000000
	94.3%	6	999.48	49500000
	93.9%	6	941.71	50100000
160	93.9%	6	948.80	49800000
	93.9%	6	944.49	49800000
	93.9%	6	926.53	49800000
	93.4%	6	949.98	49500000
	93.6%	6	928.34	49400000
	93.8%	6	902.53	49300000
	92.9%	6	908.36	49600000
	93.0%	6	886.67	49300000

	93.5%	6	912.91	49500000
	93.5%	6	874.39	49500000
170	93.6%	6	856.40	49300000
	93.3%	6	867.67	49400000
	93.3%	6	856.18	49300000
	93.3%	6	843.72	49700000
	93.1%	6	853.12	49600000
	93.5%	6	855.14	49800000
	93.2%	6	835.71	49700000
	92.9%	6	845.96	49800000
	93.2%	6	821.72	49600000
	92.6%	6	845.10	49900000
180	93.2%	6	835.22	50100000
	93.1%	6	817.11	49800000
	93.3%	6	836.29	49800000
	93.1%	6	839.61	49900000
	93.4%	6	822.78	50100000
	92.8%	6	834.69	49800000
	93.0%	6	834.66	49800000
	93.0%	6	815.97	49800000
	92.2%	6	809.59	49600000
	93.1%	6	791.53	49600000
190	92.8%	6	800.68	49500000
	92.7%	6	792.62	49500000
	92.8%	6	778.26	49500000
	92.9%	6	811.67	49600000
	92.5%	6	790.34	49500000
	93.1%	6	771.63	49300000
	92.5%	6	796.07	49300000
	93.0%	6	799.47	49300000
	93.3%	6	785.26	49300000
	92.5%	6	795.35	49300000
200	92.7%	6	769.17	49400000
	92.5%	6	788.19	49500000

	92.8%	6	782.86	49500000
	93.0%	6	791.25	49400000
	92.7%	6	803.99	49300000
	93.0%	6	797.10	49400000
	92.9%	6	774.34	49400000
	92.5%	6	799.41	49300000
	91.7%	6	768.05	49300000
	92.8%	6	802.39	49500000
210	93.2%	6	795.89	49300000
	92.6%	6	777.40	49200000
	92.7%	6	808.48	49500000
	92.5%	6	778.08	49300000
	92.7%	6	765.44	49300000
	92.5%	6	787.10	49300000
	92.5%	6	762.63	49300000
	92.5%	6	786.40	49500000
	92.8%	6	787.14	49500000
	92.8%	6	771.76	49500000
220	92.0%	6	785.25	49500000
	92.8%	6	780.27	49600000
	93.0%	6	761.07	49600000
	92.7%	6	794.99	49500000
	92.5%	6	776.81	49300000
	91.2%	5	660.63	41100000
	91.9%	6	800.88	49300000
	93.1%	6	761.99	49100000
	92.5%	6	772.92	49300000
	92.7%	6	771.35	49400000
230	92.6%	6	778.76	49100000
	92.7%	6	778.75	49100000
	92.5%	6	746.61	49200000
	92.5%	6	753.38	49400000
	92.2%	6	745.09	49200000
	92.6%	6	742.99	49000000

	92.2%	6	753.37	49100000
	92.2%	6	734.64	49200000
	92.2%	6	714.76	49300000
	91.9%	6	745.29	49300000
240	92.4%	6	725.67	49200000
	92.2%	6	764.58	49300000
	92.6%	6	769.96	49300000
	92.6%	6	742.38	49600000
	92.2%	6	760.39	49600000
	92.6%	6	774.45	49400000
	92.8%	6	746.95	49600000
	91.9%	6	757.70	49600000
	92.2%	6	751.28	49700000
	92.5%	6	761.87	49700000
250	92.5%	6	764.68	49800000
	92.7%	6	755.75	49800000
	92.6%	6	783.24	49500000
	92.1%	6	771.72	49500000
	91.5%	6	748.23	49700000
	92.3%	6	753.80	49600000
	92.8%	6	764.15	49600000
	92.7%	6	749.55	49700000
	92.3%	6	762.63	49700000
	92.2%	6	743.32	49700000
260	92.0%	6	764.89	49700000
	92.6%	6	765.12	49600000
	92.5%	6	747.77	49600000
	92.5%	6	771.43	49600000
	92.0%	6	757.58	49700000
	92.4%	6	770.18	49600000
	92.1%	6	761.49	49600000
	92.4%	6	767.37	49700000
	92.4%	6	767.18	49600000
	92.0%	6	767.57	49700000

270	92.7%	6	765.87	49400000
	91.4%	6	782.34	49500000
	92.5%	6	789.60	49500000
	93.0%	6	764.48	49500000
	92.4%	6	767.53	49600000
	92.1%	6	768.75	49700000
	92.4%	6	758.50	49800000
	91.1%	6	792.53	49700000
	92.1%	6	792.90	49700000
	92.3%	6	767.31	49700000
280	92.4%	6	774.03	49700000
	92.5%	6	779.86	49800000
	92.9%	6	760.03	49800000
	92.0%	6	762.24	49700000
	92.4%	6	746.12	49900000
	92.5%	6	767.58	49900000
	92.6%	6	775.14	49900000
	92.6%	6	763.69	49900000
	92.8%	6	792.93	49900000
	92.3%	6	769.01	49800000
290	92.5%	6	746.76	49800000
	92.6%	6	781.20	49900000
	92.6%	6	773.91	50000000
	93.0%	6	756.25	50000000
	92.0%	6	778.99	50000000
	92.0%	6	752.17	50000000
	92.6%	6	780.26	49900000
	92.6%	6	774.98	50000000
	92.7%	6	760.00	50000000
	56.3%	6	806.75	50000000

A.2 *RUNTIME*

A.2.1 UM OBJETO POR SEGUNDO

A.2.2 DEZ OBJETOS POR SEGUNDO

A.2.3 CINQUENTA OBJETOS POR SEGUNDO

A.2.4 CEM OBJETOS POR SEGUNDO

A.2.5 QUINHENTOS OBJETOS POR SEGUNDO

A.2.6 MIL OBJETOS POR SEGUNDO