October 2002 . . .
Battling Abatement, A Most Precise Misprision,
A Final 2002 Season Statement, A Doubled Vision:
Batting and Essential Base-Out Percentages
Systematically, Solomonically Averaged in
"Valued Base-Out Percentage" – V-BOP!

or

"To Have and Halve Knot"

B-BOP (Batting BOP)	=	$\dfrac{(TB + BB + HP)}{(AB - H)}$

E-BOP (Essential BOP)	=	$\dfrac{(RB + TB \text{ i.e., Essential Bases})}{(AB - H)}$

V-BOP (Valued BOP)	=	$\dfrac{1/2(\text{Batting Bases + Essential Bases})}{(AB - H)}$ = $\dfrac{(\text{Valued Bases})}{(\text{At-Bat Outs})}$

Or, simply V-BOP = ½ (B-BOP + E-BOP)!
"Quoth the B-BOP or the E-BOP, or the Both?"

2002 V-BOP Leaders (1.200 or Higher)				
	Player, Team	**B-BOP** (300 Baba)	**E-BOP** (450 EB)	**V-BOP** (800 VB)
1.	B. Bonds, Giants	2.082	2.669	2.376
2.	J. Thome, Indians	1.353	1.790	1.572
3.	M. Ramirez, Red Sox	1.278	1.813	1.546
4.	B. Giles, Pirates	1.292	1.716	1.504
5.	J. Giambi, Yankees	1.196	1.654	1.424
6.	L. Walker, Rockies	1.136	1.646	1.391
7.	T. Helton, Rockies	1.140	1.631	1.385
8.	V. Guerrero, Expos	1.113	1.618	1.365
9.	C. Jones, Braves	1.092	1.577	1.335
10.	A. Rodriguez, Rangers	1.112	1.540	1.326
11.	J. Edmonds, Cardinals	1.101	1.552	1.326
12.	M. Sweeney, Royals	1.068	1.582	1.325
13.	S. Sosa, Cubs	1.101	1.505	1.303
14.	L. Berkman, Astros	1.088	1.501	1.295
15.	A. Pujols, Cards	1.107	1.474	1.291
16.	C. Delgado, Blue Jays	1.074	1.458	1.266
17.	M. Ordonez, White Sox	1.027	1.499	1.263
18.	R. Palmeiro, Rangers	1.063	1.438	1.251
19.	B. Abreu, Phillies	1.023	1.467	1.245
20.	S. Green, Dodgers	1.017	1.416	1.216
21.	J. Bagwell, Astros	1.005	1.415	1.210
22.	G. Sheffield, Braves	.982	.1425	1.204
23.	B. Williams, Yankees	.951	1.450	1.201

Batting Base Values:	BB, HP, 1B	=	1 base	**Essential Base Values:**	BB, HP	=	1 base
	2B	=	2 bases		1B	=	2 bases
	3B	=	3 bases		2B	=	3 bases
	HR	=	4 bases		3B	=	4 bases
					HR	=	5 bases

Valued Base Values:	BB, HP	=	1.0 base
	1B	=	1.5 bases
	2B	=	2.5 bases
	3B	=	3.5 bases
	Hr	=	4.5 bases