Errata for The Mathematics of Poker, First Edition

The following errata apply to the first and second printings of the first edition.

p. 18:

P(A & B & C) = 33/4020, or a little less than 1%

should be:

P(A & B & C) = 33/3920, or a little less than 1% (2/16/07)

p 24

last sentence,

..the distribution of the value of the samples converges...

should be

..the distribution of the aggregated values of the samples converges.. (2/16/07)

P 41.

last table heading should be P(B-bar) instead of P(B) (2/16/07)

p 48:
After the sentence

... when A has a bluff.

(near the middle of the page)

insert:

B's calling strategy only applies when A bets, so the probability values below are
conditional on A betting. (2/16/07)

p. 135

Continuing to raise the temperature,

should be

Continuing to lower the temperature, (2/16/07)

p 89

KK, QQ, JJ, TT: 6/42

should be

KK, QQ, JJ, TT: 6/42 for each pair (2/16/07)

p 164.
(first sentence)
The value expression for this game is maximized

should be

The value expression for this game is minimized (2/16/07)

p 78

The second equation from the bottom should be:

<X check; Y check> = 15/45($0) + (30/45)[(29/44)($300) - $100] (2/16/07)

p 191:

...where x is odd

should be

...where n is odd

and likewise on the third line,

Where X is even.. -> Where n is even

(lowercase italics ns in both cases) (2/16/07)

p. 97

..if A bluffs less/more than 20% (two occurrences)
should be
..if A bluffs less/more than 5% (2/16/07)

p 133

first table entry, second column: change to

(3/1225)((0.12141)(1666)-833) = -1.5447

First equation on this page:

(-1.5447)(AA%) + (rest is the same)

Next equation:

0.8353 ATs% + 0.8085 A5s% = 1.5447

Next equation:

0.8353 ATs% = 0.70935

ATs% = 87.73%

Next paragraph, change the 26.52% to 87.73%, and again in the next paragraph. (2/16/07)

The following errata apply to the first printing of the first edition. The corrections have been incorporated into the second printing of the first edition.

Page 15: Hard carriage return after "mutually exclusive" (halfway down the page) shouldn't be there. (12/6/06)

Page 17: "using equation 1.1" should say "using equation 1.2". (12/6/06)

Page 27: 100 has been substituted for 200 in a couple of equations. The end results are right. (it should be 2.61 * sqrt(200) = 36.89) (12/6/06)

Page 33: Just under figure 3.1, there's apparently a space immediately preceding a comma, causing the comma to be the first character in the next line. (12/6/06)

Page 37: "Of the 95,000 who have the condition" -- the second time that phrase appears, it should have a "do not" stuck in there. (12/6/06)

Page 51: where it says "So from an immediate pot odds standpoint, B needs to be getting more than $75 to $30 (or 40%) to win the pot." it should be "So from an immediate pot odds standpoint, B should call if his chance of winning the pot is greater than 30/105, or 28.5%." (12/6/06)

Page 75: In the second equation on the page, "p(Y wins 6th street)" appears twice, but the second time it should be "p(Y misses on 6th street)". (Y will miss 34/42 of the time, which is consistent with the next equation.) (12/6/06)

Page 77: "X still has a clear call, getting more than 3 to 1 from the pot" should be "Y still has a clear call, getting more than 3 to 1 from the pot." (12/6/06)

$\langle$X, bet turn$\rangle$ = [p(Y misses flop)][p(X wins)(new pot value) - (cost of bet)]
$\langle$X, bet turn$\rangle$ = (30/45)[(29/44)(200) - (50)]
$\langle$X, bet turn$\rangle$ = $54.55 (12/20/06)

Page 163: "Value to the first" should be "Value to the second" (table at top of the page) (12/19/06)

Page 164: "maximized" should be "minimized" (first line on the page) (12/19/06)