I OPTIMAL BATTING FIRST STRATEGY

*
$$T = 300, 299, \dots, 1$$
 $1-\text{Pont}(5,a)$ NUMBER OF BALLS LEFT

 p (5,a)

out

 s
 s

$$\frac{1}{3} \cos \left(\frac{3}{3} \cos a \right) = \frac{3}{3} \cos \left(\frac{3}{3} \cos a \right) + \left($$

TOP BATSMEN OR OPENING.

$$\frac{10-1}{9}$$

$$\frac{10-1}{9}$$
but
$$\frac{10-1}{9}$$
but
$$\frac{10-1}{9}$$
but
$$\frac{10-1}{9}$$

$$b(10,a) = b(a)$$
out
 $b(10,6) = b(6) = 0.3$

OPENERS GET OUT IN 1/0-3 BALLS ON AVERAGE IF THEY TRY TO HIT ASIX
EVERY BALL

$$\phi(1,6) = \phi_{out}^{max}(6) = 0.7$$

LAST BATSMEN TRY TO HIT A SIX THEN

THEY GET OUT IN 1/0.7 BALLS (ON MG)

4 TRANSITION MODEL : CONT ...

$$\frac{1}{run} = \frac{1}{run} + \left(\frac{1}{run} - \frac{1}{run}\right) \times \frac{(s-1)}{9}$$

BEST 70P BATSMEN / OPENERS HAVE

STRIKE RATE

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