[Skut, 2008]

Diaconi, 1986; Kadane, 1985; Tony O'Hagan
John Skilling 1991
Solve DEs from Buysan

" Probabilistic numerics models the numerical
uncertainty & propagates a probabilistic
collapse of error than the standard computation"

e.g. Data-driven engineers
in petrochemical & oil field as elliptic PDE:

e.g. Science Signaly – pharmaceutics

e.g. Computational social science
London ?? police
most solvers use series of basis function
(cf Whitehead)

e.g. Sandia scram-jets in flame
tza in a throne at small scale.
– help model combustion process

call ode 45'

– increase decrease mesh size, but
posterior don't show bias, only precision
If take most ? uncertainty
into a/c, then the bias should

Way of incorporating & quantify uncertainty
accuracy ?? of compute?
in pipeline of compute?
New code for statisticians ...

e.g. issue + flow; *

What about inverse of co-variance
matrix? algebraic error?

① ★

[B] 1) Dan Hunky; Sueena Patel;
Tescocad Airbcad → allowed

Tesco to become biggest supermarket
chain in UK?   consumption

" Entire lists "40% of
Have you go forgotten
people actually add something to
the list

– also incremental purchase – thing
that you would not have streaming

Punchai:

Until recently: "rule-based"
Now: "relearning model!": predict a
the customers probability of cause??
+ recommend items
same people go straight to checkout