

POTTING DIFFIKULTY

15 EQUAL POTS POTTING 1

Iz a komparison of the diffikuly of the angular permissible error for varyus pots kompar ed with the "straight red off The Spot". **FOR** the pot off The Spot i drew the qball **400MM** from the red. For the others i drew the qball klo ser or further from the red ba sed on the komparativ diffik uly. **THUSLY**, for all **15** pots shown the diffikuly iz the same (ie the same az for that 400mm pot off theSpot). The dia of the **BLACK DOT** near the target pkt shows the effektiv width of the pkt drawn true to scale for the approach angle of that pot. The broken **ARCS** are drawn 400mm & 200mm from the qballs for ko mparison. Az kan be seen **2 POTS** are eezyer than the pot off theSpot. One iz

the pot off the **PYRAMID SPOT** into a corner-pkt. The other iz a pot off the **MID SPOT** into a mid-pkt. If u hav one of these pots, & if the qball to objektball **SEPARAT ION** iz less than the separation shown, then your pot iz eezyer than the (400mm) pot off theSpot. **FOR** example, if u find the red klose to the **BAULKLINE**, then it iz eezy to pot red in a top-pkt from inhand if u place the qball in line with the pkt & place it very klose to the red (not shown). U will find that the **FURTHEREST** pocket iz the most **OPEN** pocket, so aim for that (not shown). **IF** u place the qball about 180mm from the red the diffikuly of the pot would be similar to the (400mm) pot off The Spot. 100mm would make it eezyer than the (400mm) pot off The Spot (not shown).

POTTING DIFFIKULTY 2

THE SCIENCE OF POCKET BILLIARDS
BY JACK KOEHLER 1989

LAW I A pot iz most diffikult if the objektball iz halfway to the pkt.

LAW II Potting a ball 12" from a pkt iz similar to potting a ball 12" from the **q**ball.

LAW III The larger the kut angle the more diffikult the shot. Jack's theorys are based on Jack's simple kalkulations of what he calls **ANGULAR PERMISSIBLE ERROR**. Jack didn't inklud friktion effekts (ie throw), nor human foibles, however theze don't alter the basik laws. Jack didn't actually mention theze "laws", the laws & wording are mine, based on Jack's info.

GRAFF 3 My graff shows the effekt of distance on diffikulty. If the objektball iz halfway tween Qball and pkt (ie 4/8ths) i call the diffikulty 1 (ie 16/16). If i moov the objektball halfway closer to the **q**ball the diffikulty drops from 16/16 to 12/16 & the permissible angular error iz bigger in the ratio 16 to 12, in other words the pot iz eezyer in the ratio 12 to 16, ie 12/16. Halfway closer the komparitiv diffikulty iz 7/16.

