

Truncation Constant

When doing any multiply, reciprocal, or square root instruction, data in the pyramid to the right of result bit 2^{-56} is ignored. To compensate for this neglect a constant is added to the pyramid. The constant is a binary 1001 and is added to the right most four bit positions. This constant represents the average number of carries that would propagate into the pyramid, from the right, for average operands.