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Editorial Clean-up Replacing Uses of ‘Integral’ by ‘Integer’

Abstract

In response to DR it has already been determined that such phrases as ‘integral type’ and ‘integer type’ are intended to be synonyms. In the interests of consistency we should edit C9X documentation so that only ‘integral’ or ‘integer’ is used but not both. The London ‘97 meeting decided informally that we should use integer in preference to integral.

Proposal

Replace all occurences of:

Paranthetical numbers indicate count in revision 10 of C9X
‘integral type(s)’ by ‘integer type(s)’ (97)
‘integral constant(s)’ by ‘integer constant(s)’ (35)
‘integral value(s)’ by ‘integer value(s)’ (22)
‘integral promotion(s)’ by ‘integer promotion(s)’ (16)
‘integral expression’ by ‘integer expression’ (3)
‘real floating and integral’ by ‘real floating and integer’
‘integral to floating types’ by ‘integer to floating types’
‘floating to integral’ by ‘floating to integer’ (2)
‘integral number’ to ‘integer’

Leave

‘integral and real’ (2)
‘integral powers’ (3)
‘integral and fractional’
‘integral quotient’
‘integral y’ (2)
‘integral part’ (5)