

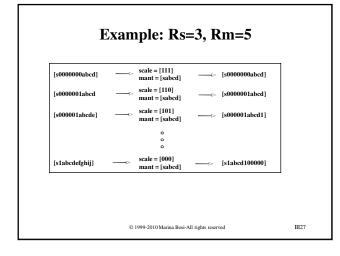


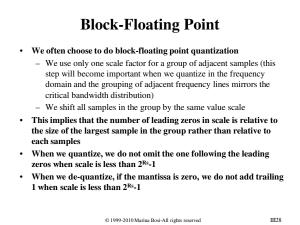
To convert from scale-mantissa floating point code with Rs scale bits and Rm mantissa bits into a number: I.

- Create an R bit code where R=2^{Rs}-1+Rm from the mantissa and scale factor where s is the first mantissa bit and |code| А. В.
 - has scale leading zeros followed by the remaining Rm-1 mantissa bits if scale is 2^{Rs}-1, otherwise followed by a one and then the remaining mantissa bits
 - C. followed by a one and as many trailing zeros as will fit if scale is less than 2^{Rs}- 1.
- н. Dequantize the R bit code into the number.

© 1999-2010 Marina Bosi-All rights reserved

III26





III28