































Selecting C(x)

- All single-bit errors, as long as the *x*^{*k*} and *x*⁰ terms have non-zero coefficients.
- All double-bit errors, as long as C(x) contains a factor with at least three terms
- Any odd number of errors, as long as C(x) contains the factor (x + 1)
- Any 'burst' error (i.e., sequence of consecutive error bits) for which the length of the burst is less than *k* bits.
- Most burst errors of larger than k bits can also be detected

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• See Table 2.6 on page 102 for common C(x)

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