















BCH Code

```
encode_bch()
register int
               i, j;
               feedback;
register int
for (i = 0; i < length - k; i++)</pre>
     bb[i] = 0;
for (i = k - 1; i >= 0; i--) {
      feedback = data[i] ^ bb[length - k - 1];
      if (feedback != 0) {
           for (j = length - k - 1; j > 0; j--)
                if (g[j] != 0)
                      bb[j] = bb[j - 1] ^ feedback;
                else
                      bb[j] = bb[j - 1];
           bb[0] = g[0] && feedback;
      } else {
           for (j = length - k - 1; j > 0; j--)
                bb[j] = bb[j - 1];
           bb[0] = 0;
      }
 }
 }
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```

9















































































