# Draft Text Specification: The proposed text changes are based on the document JCTVC-N1005-v3.doc. Changes are marked in yellow.

**7.3.8.11 Residual coding syntax**

|  |  |
| --- | --- |
|  | Descriptor |
| if( cu\_transquant\_bypass\_flag | |  | | ( CuPredMode[ xC ][ yC ] = = MODE\_INTRA &&   residual\_dpcm\_intra\_enabled\_flag && transform\_skip\_flag[ x0 ][ y0 ][ cIdx ] &&   ( predModeIntra = = 10 | | predModeIntra = = 26 || predModeIntra = = 2 predModeIntra = = 18 || predModeIntra = = 34 ) ) |  |

* + - 1. **General decoding process for intra blocks**

**…**

1. When residualDpcm is equal to 1 and either predModeIntra is equal to 10, or predModeIntra is equal to 26, 2, 18 and 34, the directional residual modification process for blocks using a

…

### Residual modification process for blocks using a transform bypass

…

Otherwise (vertical direction), the array values r[ x ][ y ], for x = 0..nTbS − 1, y = 1..nTbS − 1, are modified as follows: r[ x ][ y ] += r[ x ][ y − 1 ] (8‑298)

– Otherwise, if predModeIntra is equal to 2, the array values r[ x ][ y ], for x = 1..nTbS − 1, y = 0..nTbS − 2, are modified as follows:

r[ x ][ y ] += r[ x -1][ y + 1 ] (8‑298.1)

– Otherwise, if predModeIntra is equal to 18, the array values r[ x ][ y ], for x = 1..nTbS − 1, y = 1..nTbS − 1, are modified as follows:

r[ x ][ y ] += r[ x-1 ][ y − 1 ] (8‑298.2)

– Otherwise, if predModeIntra is equal to 34, the array values r[ x ][ y ], for y = 1..nTbS − 1, x = 0..nTbS − 2 are modified as follows:

r[ x ][ y ] += r[ x +1][ y − 1 ] (8‑298.3)

(8‑64.3)