
Differential encoding/decoding

```
% First we make a random 200 x 200 matrix.
frame = uint8(magic(200));
[height, width] = size(frame);

% Then we encode it with differential-encoding
frameDiffEncoded = diffEncoder(frame);

% Then we decode it with differntial-decoding.
frameDiffDecoded = diffDecoder(frame, height, width);

% And to prove that the encoding works without data loss:

if isequal(frame, frameDiffDecoded)
    disp('No data loss');
end

Error using +
Integers can only be combined with integers of the same class, or scalar doubles.

Error in diffDecoder (line 22)
    decodedImg(:, colIndex) = decodedImg(:, colIndex - 1) + encodedImg(:, colI

Error in differentialTest (line 11)
frameDiffDecoded = diffDecoder(frame, height, width);
```

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