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- b) if the error value is greater than a first predetermined amount, decrementing the error value and returning to a),
 - c) if the error value is greater than a second predetermined amount, incrementing the scan count and incrementing the error value, if the scan count is equal to n, outputting the next scan line, setting the scan count to zero, and returning to a); otherwise return to a),
 - d) incrementing the scan count by 2 and incrementing the error value,
 - e) if the scan count is equal to or greater than n, outputting the next scan line, decrementing the scan count by n, and returning to a); otherwise, returning to a).
2. The method of claim 1 wherein the error value is computed by, for each input scan line, adding to the error value a number that is a function of the distance between scan lines, and subtracting from the error value a number

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that is a function of a desired distance between output lines for each output scan line.

3. A method of resizing and subsampling a video image of pixels by either outputting or not outputting each scan line of pixels, comprising:

- for each scan line, calculating an error that would result if the scan line were output;
- comparing an error term to a predetermined threshold;
- if the error term is less than the predetermined threshold, not outputting the scan line;
- for each scan line that is not output, adding the calculated error to the error term;
- if the error term is greater than or equal to the predetermined threshold, outputting the scan line and decrementing the error term.

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