

## Re: Crout's Algorithm

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Date: Fri, 14 Jan 2005 17:59:56 -0500

Jakub Rabięga wrote:

> *Dear Sir or Madam,*  
> *I am a student of Technical University in Poland. I am doing a project*  
> *about Crouts Algorithm. I am looking for a examples of Crout's*  
> *algorithm used in real life. Do You know any?If yes I would be*  
> *gratefull for Your reply.*  
> *Yours sincerely*  
> *Jakub Rabięga*  
>

I doubt if there are any "real life" examples of its use today. It was devised by Crout in 1941 for solving linear equations using desk calculators. It is basically Gaussian elimination restructured so that one could calculate sums of products ( $a*b+c*d+e*f+..$ ) using the accumulator display and thus avoiding the re-entry of values. It has no particular advantage as a computer algorithm nowadays.

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ECHIP, Inc. ---  
Randomness comes in bunches.