
Subject: Re: Genetic Algorithm in IDL?

Posted by [Karl Young](#) on Mon, 10 Jul 2000 07:00:00 GMT

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Hi Stephen,

I suspect others have done a much better job but I once hacked some very primitive IDL code that implemented the flow diagram (Fig. 14.1) describing the genetic algorithm from the book "An Introduction to Optimization" by Chong and Zak. I tested the modules but never really did much testing of the overall program as I discovered, in the middle of writing it, that simulated annealing was much more appropriate for what I was trying to do. If I can find it, I'll happily give you a copy of it if you're interested, but with no claims that it does anything useful or sensible. Since it's a pretty simple algorithm, it's probably a better exercise to code it up yourself from something like that flowchart (which was as good as good psuedocode); that way you'd learn enough about how the algorithm is working, while you're coding.

> Does anyone know of any Genetic Algorithm optimization routine
> implemented in IDL that may be available in the public domain?
>
> Stephen Herman

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