

Re: random model

Source: <http://sci.tech-archive.net/Archive/sci.math/2005-03/5822.html>

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Date: 03/17/05

Date: Thu, 17 Mar 2005 03:00:05 GMT

"Darius Blaszyk" <dhkblaszyk@zeelandnet.nl> wrote in message
news:77-dnUT_t_-cTqXfRVnyiw@zeelandnet.nl...

> *Hallo,*

>

> *I have a bit of an awkward question for you. I'm toying around with a GA*

> *and*

> *I would like to test it by applying several models. Unfortunately the*

> *search is rather fast and I have to enter each time a new model by hand.*

> *So*

> *I was thinking if there are algorithms present that could generate a*

> *continuous model automatically, so I can feed it to the GA?*

> *The model should incorporate all the standard operators and allow for an*

> *undefined amount of parameters. Can this be done?*

> *I would appreciate any links or pointers on how to procede from here.*

>

> *Kind regards, Darius Blaszyk*

It's not clear, at least to me, what you are modeling. However, if I'm guessing correctly, you're asking about an encoding, a model, over which the genetic algorithm works. For instance, one model of human populations would include heights, weights, and skin color; you'd use the GA to come up with the best combination of those characteristics. Another model might include heights, weights, skin color, and waist measurement. Then again, I'm not sure how "standard operators" fit into this, because the operators I'm thinking of are inherent in the GA itself, whatever you're modeling; e.g. the mutation operator is often a part of the GA itself, not the thing you're modeling.

Could you be more specific about your problem, perhaps giving an example of the models you're using?