Subject: binomial combine
Posted by nltollman on Wed, 29 Mar 2017 00:24:30 GMT

In your pseudocode for binomial's combine, you say set i to be y's degree. Then you say to place y in x's child array at index i (which I interpreted as calling the setDArray() call). My question is, how are you suppose to find y's degree?

Subject: Re: binomial combine
Posted by nltollman on Wed, 29 Mar 2017 00:40:53 GMT

Also, with the whole part about place y in x's child array at index i, you placing y at index i in x->children, correct? in that case, if we are going to do setDArray( ), since setDArray is one of the only DArray functions that involves an index, then what are we suppose to do with the old value at i based on this in the spec? I don't think it's a good idea to replace the value at that index and that's it. I think what combine is trying to do is place y at that index then push everything else back one spot. What I'm trying to basically say is, I think either the spec needs to be updated when dealing with setDArray or the binomial pseudocode needs to be updated with the combine function.

"The setDArray method should call insertDArray if the index to be set is the size. If it is less than the size, the method should just replace the current value."

Subject: Re: binomial combine
Posted by davidmccoy on Wed, 29 Mar 2017 00:41:09 GMT

Y's degree is the size of its list of children