PolyKriging: A parametric geometry modeling package

Project description

Note:

- **This document is only a template and will be completed when the project is released.**
- **Therefore, the following information may not correct at this stage**.

> An implementation of Kriging.
>
> This kriging library for (parametric) curve and surface reconstruction and interpolation is developed
> in Python 3 using 64-bit deployment.

Our issue tracker is at https://github.com/binyang424/polykriging/issues. Please report any bugs that you find or fork the repository on GitHub and create a pull request. We welcome all changes, big or small, and we will help you make the pull request if you are new to git.

Installation

To install polyKriging using PyPI, run the following command:

```
$ pip install polykriging
```

To install polyKriging using Anaconda, run the following command:

```
$ conda install -c anaconda polykriging
```

To install polyKriging from GitHub source, first clone polyKriging using `git`:

```
$ git clone https://github.com/binyang424/polykriging.git
```

Then, in the `PolyKriging` repository that you cloned, simply run:

```
$ python setup.py install
```

Contributing

We welcome contributions from anyone, even if you are new to open source. Please read our Introduction to Contributing page and the polyKriging Documentation Style Guide. If you are new and looking for some way to contribute, a good place to start is to look at the issues tagged Easy to Fix.

Citation

To cite polyKriging in publications use

A BibTeX entry for LaTeX users is

polyKriging is BSD licensed, so you are free to use it whatever you like, be it academic, commercial, creating forks or derivatives, as long as you copy the BSD statement if you redistribute it (see the LICENSE file for details). That said, although not required by the polyKriging license, if it is convenient for you, please cite polyKriging when using it in your work and also consider contributing all your changes back, so that we can incorporate it and all of us will benefit in the end.