QUANTY

A QUANTUM CLOUD COMPUTING DESKTOP APPLICATION

BERMUDEZ

CARANTO

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QUANTY

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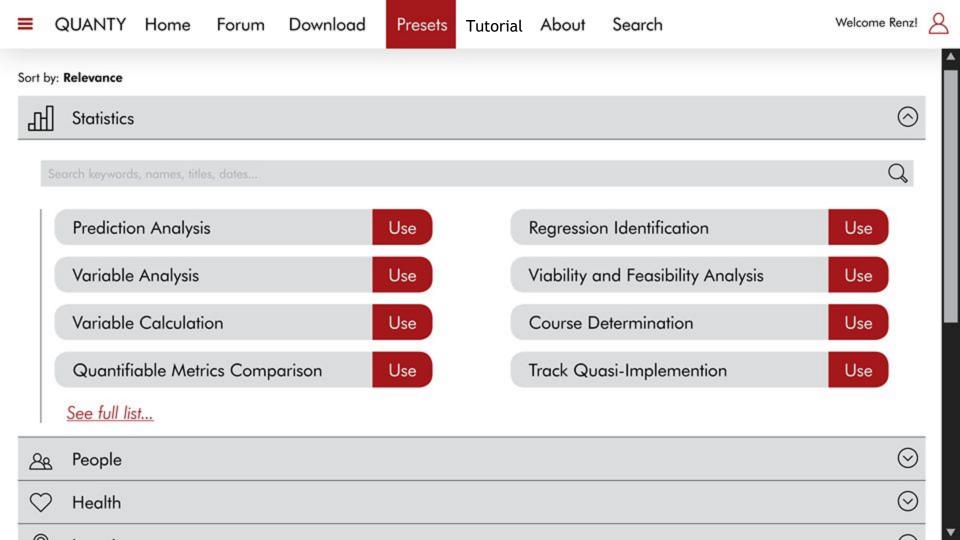| Statistics	People	Health	Location	Telecom	More...

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Variable Calculation	Use

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Quantifiable Metrics Comparison	Use

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See full list...

People

Health

Statistics

Save   Run

Title: **Local_Hamiltonian_Project.qntm**   Search...

Algorithm

```
Hin = X                          - |ji|ji is replaced by the projector Π
s=m+1                             (1)
Π(1)                             j □ Π
s                                (0)
!                                j+1
□ |0ih0|                         - |LihL| is replaced by Π
- Output Hamiltonian:            (1)
Hout = Π0                        L
1 □ |LihL|                  ⚠ -- |01q0|.
- Propagation Hamiltonian Hprop = - |0ih1| is replaced by (|0ih1|) □ Π
PL                               (0)
j=1 Hj where                     2
Hj = -                           - |j - 1ihj| is replaced by Π
1                                (1)
2                                j-1 □ (|0ih1|)j □ Π
Uj □ |jihj - 1| - 1              (0)
2                                j+1
Uj □ |j - 1ihj| +                - |L - 1ihL| is replaced by Π
```

Modules

No module added...

Topics

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Here are some tips...
Forum Tips, Rules and Regulations

✕

Statistics ⌃

Probabilities | Views: 16,332 | Comments: 4,925 | Archives: 2,871
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Quantitative | Views: 3,475 | Comments: 1,433 | Archives: 402
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