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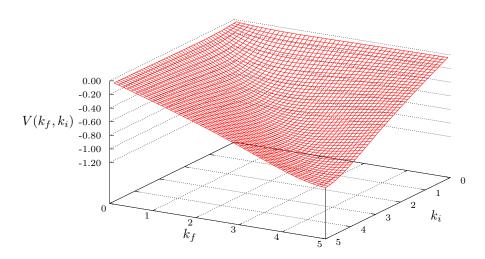
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1 e-H V-Matrix

1.1 Implementation

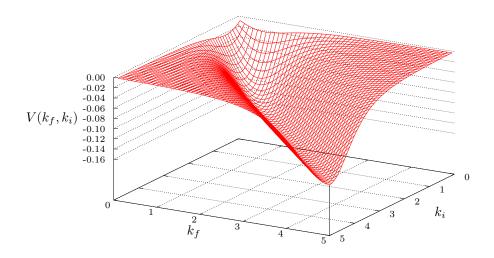
1.2 Direct Matrix Elements

Direct Matrix Elements $[1s \to 1s]$



 $Figure \ 1: \ \dots$

Direct Matrix Elements $[1s \to 2s]$



 $Figure \ 2: \ \dots$

Direct Matrix Elements $[1s \to 3s]$

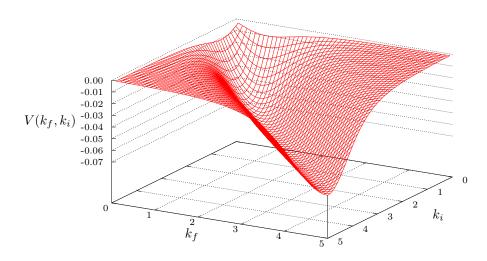
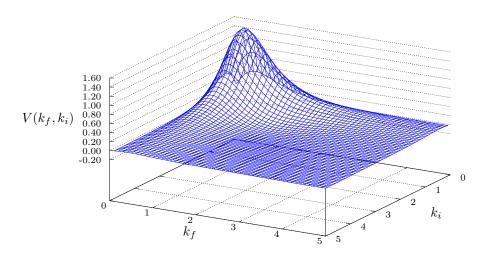


Figure 3: ...

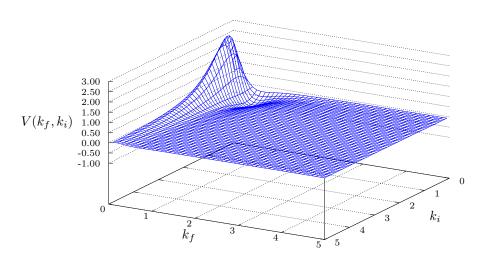
1.3 Exchange Matrix Elements

Exchange Matrix Elements $[1s \to 1s]$



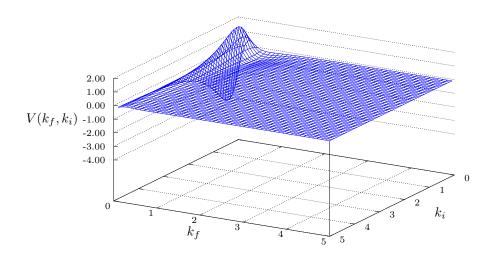
 $Figure~4:~\dots$

Exchange Matrix Elements $[1s \to 2s]$



 $Figure 5: \dots$

Exchange Matrix Elements $[1s \rightarrow 3s]$



 $Figure \ 6: \ \dots$

1.4 On-Shell Matrix Elements

- 2 V_{12} Potential in S-Wave Model
- 3 Reduced CCC Code