

Lecture 1

1. some scales for nuclear and atomic physics
2. non-relativistic Lagrangian with short-range interactions
3. the two-body T matrix
4. unitarity, scale invariance, and universality
5. remarks on long-range interactions

Lecture 2

1. the three-body T matrix
2. discrete scale invariance
3. the four-body system
4. the many-body system
5. remarks on long-range interactions

References

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