

Capo 2 fret

Standard guitar tuning: ● E ● A ● D ● G ● B ● E



♩ = 120  
Intro

let ring-----|

1 2

Harm.-----|

let ring-----|

3 4

Harm.-----|

let ring-----|

5 6

let ring-----|

7 8

### Verse 1

let ring-----|

9 10

let ring-----|

11 12

let ring-----|

13 14

let ring-----|

15

Musical notation for measure 15. The staff shows a sequence of notes: 3, 0, 2, 3, 3, 0, 2, 0, 0, 0. A slur is placed under the first five notes (3, 0, 2, 3, 3). A '2' is written above the second note (0). The measure is divided into four equal parts by vertical lines.

16

Musical notation for measure 16. The staff shows a sequence of notes: 0, 0, 3, 3, 3. A slur is placed under the last three notes (3, 3, 3). The measure is divided into four equal parts by vertical lines.

Harm.

17

Musical notation for measure 17. The staff shows a sequence of notes: 7, 7, 7, 7, 7, 7. A slur is placed under the first five notes (7, 7, 7, 7, 7). The measure is divided into four equal parts by vertical lines.

18

Musical notation for measure 18. The staff shows a sequence of notes: 1, 2, 2, 0, 1, 2, 2, 0, 0, 3. A slur is placed under the last five notes (1, 2, 2, 0, 3). The measure is divided into four equal parts by vertical lines.

let ring-----|

19

Musical notation for measure 19. The staff shows a sequence of notes: 3, 0, 2, 3, 3, 0, 2, 0, 0, 3. A slur is placed under the first five notes (3, 0, 2, 3, 3). A '2' is written above the second note (0). The measure is divided into four equal parts by vertical lines.

20

Musical notation for measure 20. The staff shows a sequence of notes: 3, 0, 0, 3, 3, 0, 0, 0, 0, 0. A slur is placed under the last five notes (3, 0, 0, 0, 0). The measure is divided into four equal parts by vertical lines.

let ring-----|

21

Musical notation for measure 21. The staff shows a sequence of notes: 1, 2, 2, 0, 0, 0, 1, 2, 2, 0. A slur is placed under the first five notes (1, 2, 2, 0, 0). A '2' is written above the sixth note (1). The measure is divided into four equal parts by vertical lines.

22

Musical notation for measure 22. The staff shows a sequence of notes: 1, 2, 2, 0, 1, 2, 2, 0, 0, 3. A slur is placed under the last five notes (1, 2, 2, 0, 3). The measure is divided into four equal parts by vertical lines.

let ring-----|

23

Musical notation for measure 23. The staff shows a sequence of notes: 3, 0, 2, 3, 3, 0, 2, 0, 0, 0. A slur is placed under the first five notes (3, 0, 2, 3, 3). The measure is divided into four equal parts by vertical lines.

24

Musical notation for measure 24. The staff shows a sequence of notes: 0, 0, 3, 3, 3, 3, 9, 7. A slur is placed under the last three notes (3, 3, 9). The measure is divided into four equal parts by vertical lines.

let ring-----|

Chorus

25

Musical notation for measure 25. The staff shows a sequence of notes: 7, 0, 0, 7, 0, 0, 7, 0, 0, 7. A slur is placed under the first five notes (7, 0, 0, 7, 0). The measure is divided into four equal parts by vertical lines.

26

Musical notation for measure 26. The staff shows a sequence of notes: 5, 5, 5, 5, 5, 5, 5, 5, 5, 5. A slur is placed under the last five notes (5, 5, 5, 5, 5). The measure is divided into four equal parts by vertical lines.

27

Musical notation for measure 27. The staff shows a sequence of notes: 3, 1, 0, 2, 3, 0, 0, 0, 0, 0. A slur is placed under the first five notes (3, 1, 0, 2, 3). The measure is divided into four equal parts by vertical lines.

28

Musical notation for measure 28. The staff shows a sequence of notes: 3, 0, 0, 0, 0, 0, 3, 0, 0, 0. A slur is placed under the last five notes (3, 0, 0, 0, 0). The measure is divided into four equal parts by vertical lines.

let ring-----|

29

Musical notation for measure 29. The staff shows a sequence of notes: 2, 3, 2, 0, 2, 0, 0, 3, 3. A slur is placed under the first five notes (2, 3, 2, 0, 2). The measure is divided into four equal parts by vertical lines.

30

Musical notation for measure 30. The staff shows a sequence of notes: 0, 1, 2, 2, 0, 0, 3, 0, 2, 0. A slur is placed under the last five notes (3, 0, 2, 0, 0). The measure is divided into four equal parts by vertical lines.

let ring-----|

31 0 3 0 2 0 3 0 3 0 2 0

32 0 3 0 3 0 2 0

33 2 0 2 5 2 0 2 0

34 0 0 3 1 3 1 2 0

35 0 3 1 3 1 3 0 0 0 0 3 2

36 3 0 0 0 0 3 2

37 2 2 2 2 2 2 2 0 0 0 0 0 3 1 3 1 2 0

38 0 0 3 1 3 1 2 0

39 0 3 1 3 1 3 0 0 0 0 3 2

40 3 0 0 0 0 3 2

### Verse 2

let ring-----|

41 2 2 2 2 2 2 2 0 42 1 1 0 0 3

43 3 0 0 3 0 3 0 0 0 0 3 3 0 0 0 0

44 3 3 0 0 0 0

45 1 0 0 1 2 2 0 46 1 1 0 0 3

47 1 2 2 0 1 2 2 0

[illegible]

7	7	X	X	X	X	1	1	0	0	3
0	0	X	X	X	X	2	2			
0	0	X	X	X	X	2	2	2		
		X	X	X	X	0	0			
						X	X			

The figure consists of two parts, (a) and (b), each showing a 2D grid of values and a corresponding 3D surface plot. In part (a), the grid has values 0, 0, 3, 3, 2, 2, 3, 3. The surface plot shows a curved surface with a peak in the center. In part (b), the grid has values 0, 0, 0, 0, 3, 3. The surface plot shows a curved surface with a peak in the center.

The diagram illustrates the construction of the 1D Ising model partition function  $Z_{1D}$  as a trace of a transfer matrix  $T$ . It is divided into two parts:

- Left part:** A 4x4 grid of states (0, 1, 2, 0) with horizontal and vertical bonds. The states are arranged in a 2x2 block, with the top row being 0, 1 and the bottom row being 2, 0. The horizontal bonds connect the states in the top row, and the vertical bonds connect the states in the left and right columns. The trace operation is indicated by an 'X' at the bottom.
- Right part:** A single row of states (0, 0, 3) with horizontal and vertical bonds. The states are arranged in a single row, with the top row being 0, 0 and the bottom row being 3. The horizontal bonds connect the states in the top row, and the vertical bonds connect the states in the left and right columns. The trace operation is indicated by an 'X' at the bottom.

[illegible][illegible]

The diagram illustrates three stages or components of a process involving particle tracks. Each stage consists of a series of horizontal lines with numerical labels and symbols.

- Stage 1:** Four vertical lines with numbers 2, 0, 0, 3 above them. Below the lines are 'X' marks under the 0s.
- Stage 2:** Five vertical lines with numbers 0, 1, 2, 2, 0 above them. A '3' is placed between the first two lines. Below the lines are 'X' marks under the 2s.
- Stage 3:** Six vertical lines with numbers 0, 0, 2, 0 above them. Below the lines are 'X' marks under the 0s.

Arrows indicate transitions or relationships between the stages: from Stage 1 to Stage 2, and from Stage 2 to Stage 3.

let ring-----

63 0 0 3 0 2 0 3 0 3 0 2 0

64 0 0 3 0 3 0 2 0

65 2 0 2 5 2 0

66 0 0 3 1 3 1 2 0

67 0 3 1 3 1

68 3 0 3 0 3 0 3 2

69 2 2 2 2 2 2 2 0

70 0 0 3 1 3 1 2 0

71 0 3 1 3 1

72 3 0 3 0 3 0 3 2

### Bridge

let ring-----

73 2 2 2 2 2 2 2 0

74 1 2 2 1 1 3

let ring-----

75 0 2 0 0 2 3

76 0 2 0 0 0 1

let ring-----

77 2 2 3 2 0 3

78 1 2 2 1 1 3

let ring-----|

79

Measures 79 and 80. Measure 79: Bass clef, notes 0, 2, 0, 0, 2, 3 with a slur. Measure 80: Bass clef, notes 0, 2, 0, 0, 1, 0, 2, 0 with a slur. Fingering numbers 0, 1, 2, 3 are shown below the notes.

Final chorus

81

Measures 81 and 82. Measure 81: Bass clef, notes 7, 7, 7, X, X, X, X, X, 5, 5, 5, X, X, X, X. Measure 82: Bass clef, notes 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5. Fingering numbers 5, 7, X are shown below the notes.

83

Measures 83 and 84. Measure 83: Bass clef, notes 3, 1, 0, 2, 3, 3, 0, 0, 0, 0, X, X, X, X, X. Measure 84: Bass clef, notes 3, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. Fingering numbers 0, 1, 2, 3, X are shown below the notes.

let ring-----|

85

Measures 85 and 86. Measure 85: Bass clef, notes 2, 2, 2, 0, 0, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3. Measure 86: Bass clef, notes 0, 1, 2, 2, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. Fingering numbers 0, 1, 2, 3, X are shown below the notes.

let ring-----|

let ring-----|

87

Measures 87 and 88. Measure 87: Bass clef, notes 0, 0, 3, X, X, X, 2, 0, 3, 3, 3, 3, 3, 3, 3. Measure 88: Bass clef, notes 0, 3, 0, 3, 0, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3. Fingering numbers 0, 1, 2, 3, X are shown below the notes.

89

Measures 89 and 90. Measure 89: Bass clef, notes 2, 0, 0, 2, 5, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2. Measure 90: Bass clef, notes 0, 1, 2, 2, 0, 3, 1, 3, 1, 2, 0, 3, 3, 3, 3. Fingering numbers 0, 1, 2, 3, X are shown below the notes.

91

Measures 91 and 92. Measure 91: Bass clef, notes 0, 3, 1, 3, 1, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3. Measure 92: Bass clef, notes 3, 0, 0, 3, 0, 0, 3, 0, 0, 3, 0, 0, 3, 0, 0. Fingering numbers 0, 1, 2, 3, X are shown below the notes.

93

Measures 93 and 94. Measure 93: Bass clef, notes 2, 3, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2. Measure 94: Bass clef, notes 0, 0, 3, 1, 3, 1, 2, 0, 3, 3, 3, 3, 3, 3, 3. Fingering numbers 0, 1, 2, 3, X are shown below the notes.

95

96

97

98

99

100

Pull back the head of the guitar  
Harm.

101

102