1. **NaCl:**

Parity Plot:

A graph of a line

Description automatically generated with medium confidence

Fig 1. Parity Plot for NaCl n=2

A graph of a function

Description automatically generated with medium confidence

Fig 2. Parity Plot for NaCl n=3

A graph of a graph

Description automatically generated with medium confidence

Fig 3. Parity Plot for NaCl n=4

Phase Diagram:

A graph of a temperature

Description automatically generated

Fig 4. Temperature vs Volume Fraction of NaCl

1. **LiCl**

Parity Plot:

A graph of a function

Description automatically generated with medium confidence

Fig 5. Parity Plot for LiCl n=2

A graph of a graph

Description automatically generated

Fig 6. Parity Plot for LiCl n=3

A graph of a graph of a graph

Description automatically generated with medium confidence

Fig 7. Parity Plot for LiCl n=4

Phase Diagram:

A graph of a graph showing a number of numbers and a line

Description automatically generated with medium confidence

Fig 8. Temperature vs Volume Fraction of LiCl

1. **CaCl2:**

Parity Plot:

A graph of a graph

Description automatically generated

Fig 9. Parity Plot for CaCl2 n=2

A graph of a graph

Description automatically generated

Fig 10. Parity Plot for CaCl2 n=3

A graph of a graph

Description automatically generated

Fig 11. Parity Plot for CaCl2 n=4

Phase Diagram:

A graph of a graph showing a number of different types of work

Description automatically generated with medium confidence

Fig 12. Temperature vs Volume Fraction of CaCl2

1. **Li2SO4:**

Parity Plot:

A graph of a graph with red dots

Description automatically generated with medium confidence

Fig 13. Parity Plot for Li2SO4 n=2

A graph of a function

Description automatically generated with medium confidence

Fig 14. Parity Plot for Li2SO4 n=3

A graph of a graph with a line

Description automatically generated with medium confidence

Fig 15. Parity Plot for Li2SO4 n=4

Phase Diagram:

A graph of a graph of a graph

Description automatically generated with medium confidence

Fig 16. Temperature vs Volume Fraction of Li2SO4

1. **MgSO4:**

Parity Plot:

A graph of a graph of data points

Description automatically generated

Fig 17. Parity Plot for MgSO4 n=2

A graph of a graph with red circles

Description automatically generated

Fig 18. Parity Plot for MgSO4 n=3

A graph of a function

Description automatically generated with medium confidence

Fig 19. Parity Plot for MgSO4 n=4

Phase Diagram:

A graph of a graph showing a number of numbers and a line

Description automatically generated with medium confidence

Fig 20. Temperature vs Volume Fraction of MgSO4