Dataset contains u,x,t values for different equations and different SNRs

Files are named as i\_j.pkl, where i represents the equation and j represents the SNR value

i values:

1: 1D Heat equation: u\_t = (0.15) u\_{xx}

2: Burgers equation: u\_t = (0.1)u\_{xx} + (-1)uu\_{x}

3: kdv equation: u\_t = (-6)uu\_{x} + (-1)u\_{xxx}

4: Simple PDE: u\_t = -0.8 u\_{x}

j values:

0: Noiseless

1 : SNR = 20000

2 : SNR = 15000

3 : SNR = 10000

4 : SNR = 7500

5 : SNR = 5000

6 : SNR = 3000

7 : SNR = 2000

8 : SNR = 1000

9 : SNR = 800

10 : SNR = 500

11 : SNR = 300

12 : SNR = 200

13 : SNR = 100

14 : SNR = 90

15 : SNR = 80

16 : SNR = 70

17 : SNR = 60

18 : SNR = 50

19 : SNR = 40

20 : SNR = 30

21 : SNR = 20

22 : SNR = 10

23 : SNR = 8

24 : SNR = 6

25 : SNR = 5

26 : SNR = 4

27 : SNR = 3

28 : SNR = 2

29 : SNR = 1

30 : SNR = 0.9

31 : SNR = 0.8

32 : SNR = 0.75

33 : SNR = 0.7

34 : SNR = 0.6

35 : SNR = 0.5

36 : SNR = 0.4

37 : SNR = 0.3

38 : SNR = 0.25

39 : SNR = 0.2

40 : SNR = 0.1