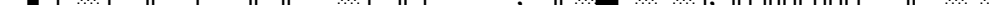


• 1.  ();

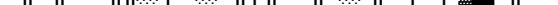
8.

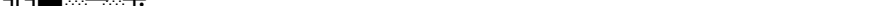
$\text{L. } \int \frac{u \, du}{u^2 + 1} = \frac{1}{2} \ln |u^2 + 1| + C$

2. 1. 

3. $\sqrt{\frac{1}{\pi} \left(\int_0^1 f(x) dx + \int_1^\infty \frac{f(x)}{x} dx \right)}$

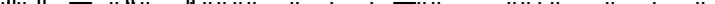
4. $\int \left(\frac{1}{x^2} + \frac{1}{x^3} + \frac{1}{x^4} + \frac{1}{x^5} + \frac{1}{x^6} + \frac{1}{x^7} + \frac{1}{x^8} + \frac{1}{x^9} + \frac{1}{x^{10}} + \frac{1}{x^{11}} + \frac{1}{x^{12}} + \frac{1}{x^{13}} + \frac{1}{x^{14}} + \frac{1}{x^{15}} + \frac{1}{x^{16}} + \frac{1}{x^{17}} + \frac{1}{x^{18}} + \frac{1}{x^{19}} + \frac{1}{x^{20}} \right) dx$

5. 

6. 

[illegible]

✓. +  -  

1. 

2. $\sqrt{\frac{1}{2}}$        

3.

4.

5. $\frac{1}{2} \cdot \frac{1}{3} = \frac{1}{6}$ $\frac{1}{2} \div \frac{1}{3} = \frac{3}{2}$ $\frac{1}{2} \div \frac{1}{6} = 3$

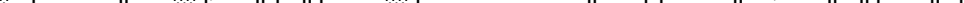
$$\infty. \quad \left| \begin{array}{c} \text{---} \\ \text{---} \end{array} \right| \left| \begin{array}{c} \text{---} \\ \text{---} \end{array} \right| \left| \begin{array}{c} \text{---} \\ \text{---} \end{array} \right| \left| \begin{array}{c} \text{---} \\ \text{---} \end{array} \right| \left| \begin{array}{c} \text{---} \\ \text{---} \end{array} \right|$$

1. "אֲנִי הָיִיתִי כְּעֶבֶד" וְכֵן הָיִיתִי כְּעֶבֶד וְכֵן הָיִיתִי כְּעֶבֶד וְכֵן הָיִיתִי כְּעֶבֶד

[illegible][illegible]

2. 

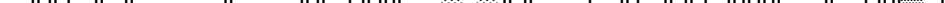
3.

4. 

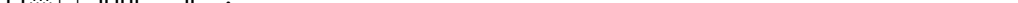
L. $\int \frac{1}{x^2} dx = -\frac{1}{x} + C$

1. 

2. $\sqrt{\frac{1}{n} \sum_{j=1}^n x_j^2}$

3. ∞  .

4. $\int$ 

5. 

3 = $\frac{1}{2} + \frac{1}{2} + \frac{1}{2}$

$$\sqrt{\cdot} \quad \vdash \quad \vdash \vdash \vdash \quad \vdash \vdash \quad \vdash \quad \vdash$$

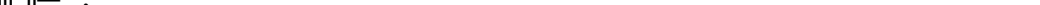
1.

[illegible]

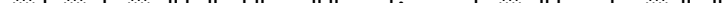
3.

4.

5. 

6. 

7. .

1. 

2.

II.

1

1

$$\begin{array}{|c|c|} \hline \text{U} & \text{U} \\ \hline \end{array} = \begin{array}{|c|c|c|c|} \hline \text{U} & \text{U} & \text{U} & \text{U} \\ \hline \end{array} \begin{array}{|c|c|} \hline \text{U} & \text{U} \\ \hline \end{array} \begin{array}{|c|c|} \hline \text{U} & \text{U} \\ \hline \end{array} \quad (19 \text{ U } \text{U})$$

Figure 10: A musical score for a piece in 4/4 time, featuring a complex melody and a steady bass line. The score is written on a grand staff with a treble and bass clef. The melody is marked with various ornaments and dynamics, including accents, slurs, and a crescendo. The bass line is marked with a steady eighth-note pattern. The piece concludes with a final cadence.

[illegible][illegible][illegible]

2 = ||||

[illegible]

3 = |||

Figure 1: A diagram illustrating the structure of the $\mathcal{H}^1$ norm. The diagram shows a sequence of terms in the norm, with some terms highlighted in black and others in white. The terms are arranged in a grid-like structure, with the first row containing terms like $\frac{1}{2} \int_{\mathbb{R}^d} |\nabla \phi|^2 dx$ and $\frac{1}{2} \int_{\mathbb{R}^d} |\nabla \psi|^2 dx$, and the second row containing terms like $\frac{1}{2} \int_{\mathbb{R}^d} |\nabla \phi|^2 dx$ and $\frac{1}{2} \int_{\mathbb{R}^d} |\nabla \psi|^2 dx$. The diagram is labeled with $\mathcal{H}^1$ and $\mathcal{H}^1$ at the top and bottom.

1 = 1111

[illegible]