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**THE GOLD BOOK:**  
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**KENTUCKY STATE UNIVERSITY**  
**BOARD OF REGENTS**

**ARTICLE I**

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**SECTION 1.1:**

1.1.1

# ARTICLE II

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## SECTION 2:

SECTION 2: THE STATE SHALL PROTECT AND PROMOTE THE INTERESTS OF THE PEOPLE AND THE PUBLIC GOOD.

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

2.  $\int \frac{1}{x^3} dx = \int x^{-3} dx = \frac{x^{-3+1}}{-3+1} = \frac{x^{-2}}{-2} = -\frac{1}{2x^2} + C$

3.  $\int \frac{1}{x^4} dx = \int x^{-4} dx = \frac{x^{-4+1}}{-4+1} = \frac{x^{-3}}{-3} = -\frac{1}{3x^3} + C$

4.  $\int \frac{1}{x^5} dx = \int x^{-5} dx = \frac{x^{-5+1}}{-5+1} = \frac{x^{-4}}{-4} = -\frac{1}{4x^4} + C$

5.  $\int \frac{1}{x^6} dx = \int x^{-6} dx = \frac{x^{-6+1}}{-6+1} = \frac{x^{-5}}{-5} = -\frac{1}{5x^5} + C$

6.  $\int \frac{1}{x^7} dx = \int x^{-7} dx = \frac{x^{-7+1}}{-7+1} = \frac{x^{-6}}{-6} = -\frac{1}{6x^6} + C$

7.  $\int \frac{1}{x^8} dx = \int x^{-8} dx = \frac{x^{-8+1}}{-8+1} = \frac{x^{-7}}{-7} = -\frac{1}{7x^7} + C$

SECTION 3.0: The Board of Directors shall have the authority to manage and control the business of the Corporation, subject to the power reserved to the shareholders.

## ARTICLE III:

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### SECTION 3.1:

The Board of Directors shall have the authority to manage and control the business of the Corporation, subject to the power reserved to the shareholders.

### SECTION 3.2:

The Board of Directors shall have the authority to manage and control the business of the Corporation, subject to the power reserved to the shareholders.

### SECTION 3.3:

The Board of Directors shall have the authority to manage and control the business of the Corporation, subject to the power reserved to the shareholders.

1. The first part of the text discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for ensuring transparency and accountability in financial reporting.

2. The second part of the text focuses on the role of internal controls in preventing fraud and errors. It highlights that a robust system of internal controls is necessary to safeguard assets and ensure the integrity of financial data.

3. The third part of the text addresses the need for regular audits and reviews. It states that independent audits provide an objective assessment of the organization's financial health and compliance with applicable laws and regulations.

4. The fourth part of the text discusses the importance of communication and collaboration between different departments. It notes that effective communication is crucial for identifying potential risks and opportunities, and for ensuring that all stakeholders are aligned with the organization's goals.

5. The fifth part of the text concludes by emphasizing the overall importance of a strong financial management system. It states that a well-implemented system can help an organization achieve its long-term success and sustainability.







## SECTION 5.4:

1.  $\frac{1}{2} \int_0^1 (x^2 + 2x + 1) dx = \frac{1}{2} \left[ \frac{x^3}{3} + x^2 + x \right]_0^1 = \frac{1}{2} \left( \frac{1}{3} + 1 + 1 \right) = \frac{1}{2} \left( \frac{7}{3} \right) = \frac{7}{6}$

2.  $\int_0^1 (x^2 + 2x + 1) dx = \left[ \frac{x^3}{3} + x^2 + x \right]_0^1 = \frac{1}{3} + 1 + 1 = \frac{7}{3}$

3.  $\int_0^1 (x^2 + 2x + 1) dx = \left[ \frac{x^3}{3} + x^2 + x \right]_0^1 = \frac{1}{3} + 1 + 1 = \frac{7}{3}$

## SECTION 5.5:

1.  $\int_0^1 (x^2 + 2x + 1) dx = \left[ \frac{x^3}{3} + x^2 + x \right]_0^1 = \frac{1}{3} + 1 + 1 = \frac{7}{3}$

2.  $\int_0^1 (x^2 + 2x + 1) dx = \left[ \frac{x^3}{3} + x^2 + x \right]_0^1 = \frac{1}{3} + 1 + 1 = \frac{7}{3}$

3.  $\int_0^1 (x^2 + 2x + 1) dx = \left[ \frac{x^3}{3} + x^2 + x \right]_0^1 = \frac{1}{3} + 1 + 1 = \frac{7}{3}$

## SECTION 5.6

1.  $\int_0^1 (x^2 + 2x + 1) dx = \left[ \frac{x^3}{3} + x^2 + x \right]_0^1 = \frac{1}{3} + 1 + 1 = \frac{7}{3}$

2.  $\int_0^1 (x^2 + 2x + 1) dx = \left[ \frac{x^3}{3} + x^2 + x \right]_0^1 = \frac{1}{3} + 1 + 1 = \frac{7}{3}$

3.  $\int_0^1 (x^2 + 2x + 1) dx = \left[ \frac{x^3}{3} + x^2 + x \right]_0^1 = \frac{1}{3} + 1 + 1 = \frac{7}{3}$







**SECTION 6.11:**

“The Board of Directors shall have the authority to make, alter, amend, repeal, suspend, or terminate any bylaws of the Corporation, subject to the approval of the shareholders at a meeting called for that purpose. The Board of Directors shall also have the authority to make, alter, amend, repeal, suspend, or terminate any rules and regulations of the Corporation, subject to the approval of the shareholders at a meeting called for that purpose.”

**ARTICLE VII:**

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**SECTION 7.1:**

“The Board of Directors shall have the authority to make, alter, amend, repeal, suspend, or terminate any bylaws of the Corporation, subject to the approval of the shareholders at a meeting called for that purpose. The Board of Directors shall also have the authority to make, alter, amend, repeal, suspend, or terminate any rules and regulations of the Corporation, subject to the approval of the shareholders at a meeting called for that purpose.”

**SECTION 7.2:**

“The Board of Directors shall have the authority to make, alter, amend, repeal, suspend, or terminate any bylaws of the Corporation, subject to the approval of the shareholders at a meeting called for that purpose. The Board of Directors shall also have the authority to make, alter, amend, repeal, suspend, or terminate any rules and regulations of the Corporation, subject to the approval of the shareholders at a meeting called for that purpose.”

**SECTION 7.3:**

## SECTION 8.2:

1.  $\frac{1}{2} \times \frac{3}{4} = \frac{1 \times 3}{2 \times 4} = \frac{3}{8}$

2.  $\frac{2}{3} \times \frac{5}{6} = \frac{2 \times 5}{3 \times 6} = \frac{10}{18} = \frac{5}{9}$

3.  $\frac{3}{4} \times \frac{2}{5} = \frac{3 \times 2}{4 \times 5} = \frac{6}{20} = \frac{3}{10}$

4.  $\frac{4}{5} \times \frac{1}{2} = \frac{4 \times 1}{5 \times 2} = \frac{4}{10} = \frac{2}{5}$

5.  $\frac{5}{6} \times \frac{3}{7} = \frac{5 \times 3}{6 \times 7} = \frac{15}{42} = \frac{5}{14}$

6.  $\frac{6}{7} \times \frac{4}{8} = \frac{6 \times 4}{7 \times 8} = \frac{24}{56} = \frac{3}{7}$

7.  $\frac{7}{8} \times \frac{2}{9} = \frac{7 \times 2}{8 \times 9} = \frac{14}{72} = \frac{7}{36}$

8.  $\frac{8}{9} \times \frac{1}{3} = \frac{8 \times 1}{9 \times 3} = \frac{8}{27}$

9.  $\frac{9}{10} \times \frac{5}{11} = \frac{9 \times 5}{10 \times 11} = \frac{45}{110} = \frac{9}{22}$

10.  $\frac{10}{11} \times \frac{3}{12} = \frac{10 \times 3}{11 \times 12} = \frac{30}{132} = \frac{5}{22}$

## SECTION 8.3:

1.  $\frac{1}{2} \div \frac{3}{4} = \frac{1}{2} \times \frac{4}{3} = \frac{1 \times 4}{2 \times 3} = \frac{4}{6} = \frac{2}{3}$

2.  $\frac{2}{3} \div \frac{5}{6} = \frac{2}{3} \times \frac{6}{5} = \frac{2 \times 6}{3 \times 5} = \frac{12}{15} = \frac{4}{5}$

3.  $\frac{3}{4} \div \frac{2}{5} = \frac{3}{4} \times \frac{5}{2} = \frac{3 \times 5}{4 \times 2} = \frac{15}{8}$

4.  $\frac{4}{5} \div \frac{1}{2} = \frac{4}{5} \times \frac{2}{1} = \frac{4 \times 2}{5 \times 1} = \frac{8}{5}$

5.  $\frac{5}{6} \div \frac{3}{7} = \frac{5}{6} \times \frac{7}{3} = \frac{5 \times 7}{6 \times 3} = \frac{35}{18}$

6.  $\frac{6}{7} \div \frac{4}{8} = \frac{6}{7} \times \frac{8}{4} = \frac{6 \times 8}{7 \times 4} = \frac{48}{28} = \frac{12}{7}$

7.  $\frac{7}{8} \div \frac{2}{9} = \frac{7}{8} \times \frac{9}{2} = \frac{7 \times 9}{8 \times 2} = \frac{63}{16}$

8.  $\frac{8}{9} \div \frac{1}{3} = \frac{8}{9} \times \frac{3}{1} = \frac{8 \times 3}{9 \times 1} = \frac{24}{9} = \frac{8}{3}$

9.  $\frac{9}{10} \div \frac{5}{11} = \frac{9}{10} \times \frac{11}{5} = \frac{9 \times 11}{10 \times 5} = \frac{99}{50}$

10.  $\frac{10}{11} \div \frac{3}{12} = \frac{10}{11} \times \frac{12}{3} = \frac{10 \times 12}{11 \times 3} = \frac{120}{33} = \frac{40}{11}$

## SECTION 8.4:

1.  $\frac{1}{2} \times \frac{3}{4} \div \frac{5}{6} = \frac{1 \times 3}{2 \times 4} \times \frac{6}{5} = \frac{3}{8} \times \frac{6}{5} = \frac{3 \times 6}{8 \times 5} = \frac{18}{40} = \frac{9}{20}$



# ARTICLE IX:

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## SECTION 9.1:

SECTION 9.1: The Board of Directors shall have the authority to manage and conduct the business of the Corporation, subject to the control of the shareholders. The Board shall consist of not less than three (3) nor more than ten (10) members, who shall be elected annually by the shareholders at a meeting called for that purpose. The Board shall elect one (1) member to serve as President and one (1) member to serve as Secretary. The Board shall also elect one (1) member to serve as Treasurer and one (1) member to serve as Chairman of the Board. The Board shall have the authority to make and alter the bylaws of the Corporation, subject to the approval of the shareholders. The Board shall have the authority to declare dividends on the Corporation's stock, subject to the approval of the shareholders. The Board shall have the authority to borrow money on behalf of the Corporation, subject to the approval of the shareholders. The Board shall have the authority to enter into contracts on behalf of the Corporation, subject to the approval of the shareholders. The Board shall have the authority to sue and be sued on behalf of the Corporation. The Board shall have the authority to do all things that the Corporation is authorized to do.

## SECTION 9.2:

SECTION 9.2: The Board of Directors shall have the authority to manage and conduct the business of the Corporation, subject to the control of the shareholders. The Board shall consist of not less than three (3) nor more than ten (10) members, who shall be elected annually by the shareholders at a meeting called for that purpose. The Board shall elect one (1) member to serve as President and one (1) member to serve as Secretary. The Board shall also elect one (1) member to serve as Treasurer and one (1) member to serve as Chairman of the Board. The Board shall have the authority to make and alter the bylaws of the Corporation, subject to the approval of the shareholders. The Board shall have the authority to declare dividends on the Corporation's stock, subject to the approval of the shareholders. The Board shall have the authority to borrow money on behalf of the Corporation, subject to the approval of the shareholders. The Board shall have the authority to enter into contracts on behalf of the Corporation, subject to the approval of the shareholders. The Board shall have the authority to sue and be sued on behalf of the Corporation. The Board shall have the authority to do all things that the Corporation is authorized to do.

## SECTION 9.3:

SECTION 9.3: The Board of Directors shall have the authority to manage and conduct the business of the Corporation, subject to the control of the shareholders. The Board shall consist of not less than three (3) nor more than ten (10) members, who shall be elected annually by the shareholders at a meeting called for that purpose. The Board shall elect one (1) member to serve as President and one (1) member to serve as Secretary. The Board shall also elect one (1) member to serve as Treasurer and one (1) member to serve as Chairman of the Board. The Board shall have the authority to make and alter the bylaws of the Corporation, subject to the approval of the shareholders. The Board shall have the authority to declare dividends on the Corporation's stock, subject to the approval of the shareholders. The Board shall have the authority to borrow money on behalf of the Corporation, subject to the approval of the shareholders. The Board shall have the authority to enter into contracts on behalf of the Corporation, subject to the approval of the shareholders. The Board shall have the authority to sue and be sued on behalf of the Corporation. The Board shall have the authority to do all things that the Corporation is authorized to do.

## SECTION 9.4:

SECTION 9.4: The Board of Directors shall have the authority to manage and conduct the business of the Corporation, subject to the control of the shareholders. The Board shall consist of not less than three (3) nor more than ten (10) members, who shall be elected annually by the shareholders at a meeting called for that purpose. The Board shall elect one (1) member to serve as President and one (1) member to serve as Secretary. The Board shall also elect one (1) member to serve as Treasurer and one (1) member to serve as Chairman of the Board. The Board shall have the authority to make and alter the bylaws of the Corporation, subject to the approval of the shareholders. The Board shall have the authority to declare dividends on the Corporation's stock, subject to the approval of the shareholders. The Board shall have the authority to borrow money on behalf of the Corporation, subject to the approval of the shareholders. The Board shall have the authority to enter into contracts on behalf of the Corporation, subject to the approval of the shareholders. The Board shall have the authority to sue and be sued on behalf of the Corporation. The Board shall have the authority to do all things that the Corporation is authorized to do.

the Board of Directors shall have the authority to make any amendments to the Charter of the Corporation that are necessary to conform the Charter to the laws of the State of New York, and to make any amendments to the Charter that are necessary to carry out the purposes of the Corporation, provided that such amendments shall not be made in a manner that would materially and adversely affect the interests of the Corporation's members or the Corporation's ability to carry out its purposes. The Board of Directors shall also have the authority to make any amendments to the Charter that are necessary to conform the Charter to the laws of the State of New York, and to make any amendments to the Charter that are necessary to carry out the purposes of the Corporation, provided that such amendments shall not be made in a manner that would materially and adversely affect the interests of the Corporation's members or the Corporation's ability to carry out its purposes.

***e Executive Committee, shall:***

the Executive Committee shall have the authority to make any amendments to the Charter of the Corporation that are necessary to conform the Charter to the laws of the State of New York, and to make any amendments to the Charter that are necessary to carry out the purposes of the Corporation, provided that such amendments shall not be made in a manner that would materially and adversely affect the interests of the Corporation's members or the Corporation's ability to carry out its purposes.

the Executive Committee shall also have the authority to make any amendments to the Charter that are necessary to conform the Charter to the laws of the State of New York, and to make any amendments to the Charter that are necessary to carry out the purposes of the Corporation, provided that such amendments shall not be made in a manner that would materially and adversely affect the interests of the Corporation's members or the Corporation's ability to carry out its purposes.

the Executive Committee shall also have the authority to make any amendments to the Charter that are necessary to conform the Charter to the laws of the State of New York, and to make any amendments to the Charter that are necessary to carry out the purposes of the Corporation, provided that such amendments shall not be made in a manner that would materially and adversely affect the interests of the Corporation's members or the Corporation's ability to carry out its purposes.

the Executive Committee shall also have the authority to make any amendments to the Charter that are necessary to conform the Charter to the laws of the State of New York, and to make any amendments to the Charter that are necessary to carry out the purposes of the Corporation, provided that such amendments shall not be made in a manner that would materially and adversely affect the interests of the Corporation's members or the Corporation's ability to carry out its purposes.

the Executive Committee shall also have the authority to make any amendments to the Charter that are necessary to conform the Charter to the laws of the State of New York, and to make any amendments to the Charter that are necessary to carry out the purposes of the Corporation, provided that such amendments shall not be made in a manner that would materially and adversely affect the interests of the Corporation's members or the Corporation's ability to carry out its purposes.



# Algebraische Geometrie





1.  $\int_0^1 x^2 dx = \frac{1}{3}$   
2.  $\int_0^1 x^3 dx = \frac{1}{4}$   
3.  $\int_0^1 x^4 dx = \frac{1}{5}$   
4.  $\int_0^1 x^5 dx = \frac{1}{6}$

5.  $\int_0^1 x^6 dx = \frac{1}{7}$   
6.  $\int_0^1 x^7 dx = \frac{1}{8}$

7.  $\int_0^1 x^8 dx = \frac{1}{9}$   
8.  $\int_0^1 x^9 dx = \frac{1}{10}$   
9.  $\int_0^1 x^{10} dx = \frac{1}{11}$   
10.  $\int_0^1 x^{11} dx = \frac{1}{12}$

11.  $\int_0^1 x^{12} dx = \frac{1}{13}$   
12.  $\int_0^1 x^{13} dx = \frac{1}{14}$   
13.  $\int_0^1 x^{14} dx = \frac{1}{15}$   
14.  $\int_0^1 x^{15} dx = \frac{1}{16}$

# ARTICLE XI:

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*C* *Q*

## SECTION 11.1:

1. The first section of Article XI, Section 11.1, shall read as follows: "The Board of Directors shall have the authority to manage the business and affairs of the Corporation, subject to the control of the shareholders."

## SECTION 11.2:

2. The second section of Article XI, Section 11.2, shall read as follows: "The Board of Directors shall have the authority to elect and remove officers and directors of the Corporation, and to determine their powers and duties. The Board of Directors shall also have the authority to determine the compensation of the officers and directors of the Corporation."

## SECTION 11.3:

3. The third section of Article XI, Section 11.3, shall read as follows: "The Board of Directors shall have the authority to issue and manage the Corporation's debt securities, and to determine the terms and conditions of such securities. The Board of Directors shall also have the authority to issue and manage the Corporation's equity securities, and to determine the terms and conditions of such securities."



SECTION 11.3: The Board of Directors shall have the authority to make, alter, amend, repeal, suspend, and reinstate the Bylaws of the Corporation, subject to the approval of the stockholders.

#### SECTION 11.4:

The Board of Directors shall have the authority to make, alter, amend, repeal, suspend, and reinstate the Bylaws of the Corporation, subject to the approval of the stockholders.

### ARTICLE XII:

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#### SECTION 12:

SECTION 12: The Board of Directors shall have the authority to make, alter, amend, repeal, suspend, and reinstate the Bylaws of the Corporation, subject to the approval of the stockholders.

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