<Lecture Title>

Summer 2020

<Lecturer>

May 24, 2020

Overview of this Lecture

1. A section, like a chapter

Some basic itemize

Some Subtitle

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An Image

Figure: This is a cat

An Image

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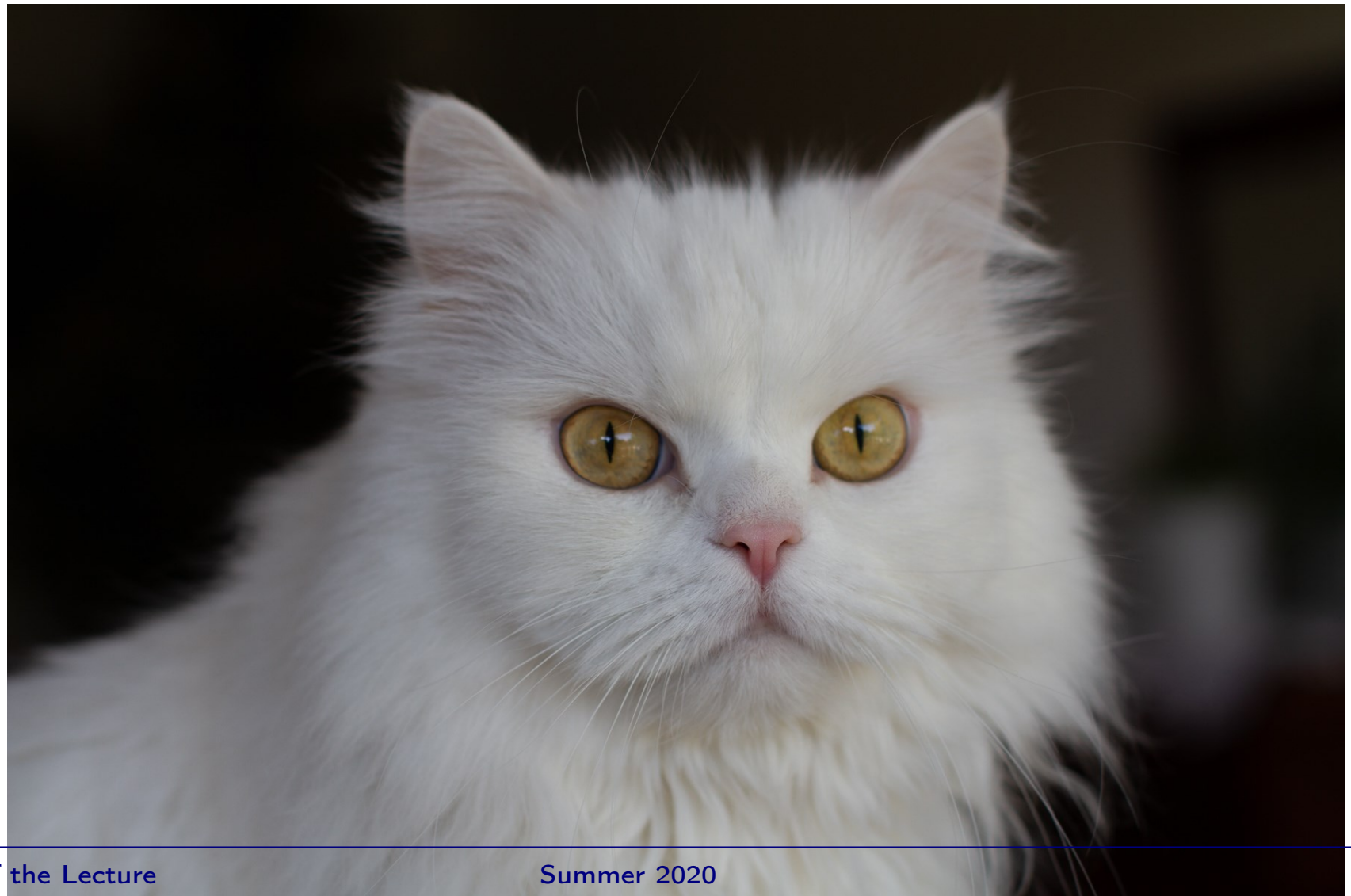

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Figure: The Caption

An Image

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Figure: The Caption

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The Caption

Some basic Math

$$x_{1,2} = -\frac{p}{2} \pm \sqrt{\left(\frac{p}{2}\right)^2 - q} \tag{1}$$

Some Code Listing

Manual lstlisting env

```
1  class Square():
2
3     def __init__(self, sidelength = 1):
4        self.length = sidelength
5
6     def calculate_circumference(self):
7        return 4 * self.length
8
9     def calculate_area(self):
10       return self.length**2
11
12 q = Square(sidelength=25)
13 print(q.calculate_circumference())
14 print(q.calculate_area())
```

Listing 1: A square class in Python

Some Code Listing

Manual lstinputlisting

```
1  class Square():
2
3      def __init__(self, sidelength=1):
4          self.length = sidelength
5
6      def calculate_circumference(self):
7          return 4*self.length
8
9      def calculate_area(self):
10         return self.length**2
11
12 q = Square(sidelength=25)
13 print(q.calculate_circumference())
14 print(q.calculate_area())
```

Listing 2: Another square class in Python

Some Code Listing

\pypy{Caption}{File}

```
1  class Square():
2
3      def __init__(self, sidelength=1):
4          self.length = sidelength
5
6      def calculate_circumference(self):
7          return 4*self.length
8
9      def calculate_area(self):
10         return self.length**2
11
12 q = Square(sidelength=25)
13 print(q.calculate_circumference())
14 print(q.calculate_area())
```

Listing 3: The Caption