

CHAPTER I

INTRODUCTION

A. Background of the Study

Artificial Intelligence (A.I) is a science fiction investigating the concept of thinking robots at the higher level. This movie was based on the short story *Super-toys Last All Summer Long* by Brian Aldis, a British author. He was born in 1925 and well known for his works of science fiction and for his advocacy of the establishment of science fiction as a literary genre. *Super-Toys Last All Summer Long* is first published in Harper's Bazaar in 1969. This short story is about the tale of humanity in an age of intelligent machines and of the aching loneliness endemic in an overpopulated future. It becomes the inspiration of Stanley Kubrick to make a project in the mid-80's that he worked with his friend, Steven Spielberg in the early 90's but Stanley Kubrick couldn't finish it yet until he died in 1999. After his death, Steven Spielberg made this movie based on the screen story by Ian Watson, a British science fiction author and was born on 1943. After Stanley Kubrick's death, Steven Spielberg made this movie that finally released in June 2001 and become as a tribute to Stanley Kubrick.

Artificial Intelligence is movie directed by Steven Spielberg. He was born on December 18, 1946 in Cincinnati, Ohio, United states. Along his works as director in Hollywood, Spielberg has won three Academy Awards

and also won in Academy Award for best Director and Best Picture. The themes of Spielberg's movie often deal with ordinary characters searching for or coming in contact with extraordinary beings or finding themselves in extraordinary circumstances. Spielberg asserted that his father influenced him and described himself as feeling like an alien during childhood. A strong consistent theme in his family-friendly work is a childlike, such as *Close Encounters of the Third Kind*, *E.T. the Extra-Terrestrial*, *Hook*, and *Artificial Intelligence*.

Artificial Intelligence is a science fiction movie which has three major characters and the story is set in the mid-21st century where the global warming has led to ecological disasters all over the world, and a drastic reduction of the human population. As describes in the narrator speech in the movie:

“Those were the years after the ice caps had melted because of the greenhouse gases, and the oceans had risen to drown so many cities along all the shorelines of the world. Amsterdam. Venice. New York. Forever lost. Millions of people were displaced, climate became chaotic. Millions of people were displaced, climate became chaotic. Hundreds of millions of people starved in poorer countries. Elsewhere, a high degree of prosperity survived when most governments in the developed world introduced legal sanctions to strictly license pregnancies, which was why robots, who were never hungry and who did not consume resources beyond those of their first manufacture, were so essential an economic link in the chain mail of society.” (A.I, I, 00:01:26)

It begins with the Professor Hobby (William Hurt) demonstration about creating an artificial being has been the dream of man in the company whiles the rain pouring down outside the company. It shows that the climate

at that time unpredictable. Professor Hobby suggests to create a human mechanical of robotic child who has eternal love to their parents. Some of team members refuse Hobby's idea and he keeps trying to suggest them for making a robotic child who has eternal love.

Female team member : But you haven't answered my question. If a robot could genuinely love a person, what responsibility does that person hold toward that mecha in return? It's a moral question, isn't it?

Hobby : The oldest one of all. But in the beginning, didn't God create Adam to love him? (A.I, I, 00:06:30)

Finally, the robotic child is created and the company tests the robotic child to Swinton family who is stared by Sam Robards as Henry and Frances O'Connor as Monica who have a comatose son because of a disease beyond the science. The name of robotic child is David who is stared by Haley Joel Osment. David is adopted by a Swinton family to replace their comatose son.

At first, Monica refuses David as a mecha child because Monica never been with mecha before. David with his childish face can make Monica turn her feeling and then accepted David as his son. She reads some codes to open the seal in order his enternal love belongs to her forever.

Monica : Can you feel my hand on the back of your neck?

David : Yes.

Monica : Does any of this hurt?

David : No.

Monica :Okay. Now. Look at me? Ready? Cirrus. Socrates. Particle. Decibel. Hurricane. Dolphin. Tulip. Monica. David. Monica... All right...I wonder if I did that right. I don't-

David :What were those words for, Mommy?
(A.I, I, 00:22:01)

Teddy (voiced by Jake Angel) is a robot doll who can talk and walk become the David's pet bear and accompany David in his journey. It is belong to Martin before and shut down because Martin bored with his toys. It reflects that kids have toys with high technology. The traditional toys has really lost because the invention in technology so high.

Jake Thomas as Martin, Monica's natural son in comatose because his disease and predicted that he can not life. Magically, Martin recovers from his coma and return to home. Monica tried to share her love to her both sons, but Martin keep set aside and he feel jealous with David as a mecha for him. When Martin asks Monica to read the fairy tale of Pinocchio that inspires David to be real boy in order to please and can be accepted by his mother. Then he tries to get his dream come true by passing many adventures with Teddy after he is abandoned by his mother in the wood because of his mother desperate frustration about his being and her recover son back to home. She feels the pain between her natural child and her adopted child that is a mechanical.

David passed many adventures to find the Blue Fairy in the Pinocchio story tale. This story tale has influenced David to be real boy like Pinocchio. He meet with Joe is stared by Jude law, a programmed robot as a love toy for women. Joe is one of the prostitute robot to fulfill the human sex need. It potrays that technology of robot has been increase highly and spread in all human need. All activities can be changed with robot.

In the journey to find blue fairy, David caught by Lord Johnson-Johnson and brought in Flesh Fair where the human has contravention of mechanical. It is showed the fear of minority because the mechanical never died and they are created smarter than the human itself. In Flesh Fair, David and Joe are showed in front of human anger, but the luck become in David. The people released him and he can continue his journey to the Manhattan which is drowned as a place which, “the waters and the wild with a fairy, hand in hand, for the world's more full of weeping then you can understand.” (A.I, I, 00:14:58)

In Manhattan, David finds his replica also named David and it makes him confuse that he is not the only one then break the robot with the lamp. Soon, Professor Hobby come and tell to him how he is so proud to him can have a dream to be a real boy that it cannot be for a robot to think like that. Professor Hobby invites David to go inside and David find many robots which similar to him, some of it in box and some of it only the head.

At that time, David feels desperate. When he jump to beneath sea he find his Blue Fairy in the water and he goes to the under water where there is an old city of New York and finds the replica of Blue Fairy. He goes to beneath sea with Teddy by an amphibicopeter and trap in cage. In the cage, he keeps beg to the Blue Fairy replica to make him into a real boy until two thousand years passed and the human is not exist where the earth is freeze.

Narrator :
And David continued to pray to the Blue Fairy there before him, she who smiled softly, forever...she who welcomed forever. Eventually the floodlights dimmed

and died, but David could still see her palely by day, and he still addressed her, in hope. He prayed until all the sea anemones had shriveled and died. He prayed as the ocean froze and the ice encased the caged amphibicopter, and the Blue Fairy too, locking them together where he could still make her out – a blue ghost in ice - always there, always smiling, always awaiting him. Eventually he never moved at all, but his eyes always stayed open, staring ahead forever all through the darkness of each night, and the next day...and the next day... (A.I, II, 00:38:21)

After two thousand years passed, the alien tries to find human civilization in earth which has been freeze. They find David in the cage and release him and wake up him to get the information about human. The alien save David and make a house like his house which he ever live with his mother. When David wakes up, he thinks that he has arrived in home but actually it is not his house. The alien explain that he make the replica of his house to make him happy. But, David asks to alive his mother. The alien grants what David want but his mother will be alive only one day after that she will be died.

The ending of *Artificial Intelligence*, in which David is given the chance to spend a single day with a reincarnation of his long-dead mother, is an explicit insertion of elements of the fable into science fiction. It is fantastical because the science of cloning by replicating the DNA in a hair, in this case can produce only a twin of us and never our true selves.

Artificial Intelligence is a movie by Steven Spielberg that was made in July 10, 2000 but it was delayed until August. The Swinton's house was constructed on Stage 16 at Warner Bros while stage 20 was used for other

sets of *Artificial Intelligence* which was mostly shot on sound stages except for a couple of scenes in Oregon. The premiere *Artificial Intelligence* was released in the Venice Film Festival in 2001. The film opened in 3,242 theaters in the United States on June 29, 2001. It earned \$29,352,630 during its opening weekend. *Artificial Intelligence* went on to gross \$78.62 million in US totals as well as \$157.31 million in foreign countries, coming to a worldwide total of \$235.93 million. The film was a modest financial success since it recouped more than twice the amount of its \$100 million budget.

Artificial Intelligence is interesting movie. Some movie experts said that *Artificial Intelligence* is good movie from Steven Spielberg which can be enjoyed by children and adults. One of the movie expert is Holm (2001) in dvdjournal state that *Artificial Intelligence* is an ambitious movie and it may signal a change in Spielberg. The darkening of the vision is a good thing. Spielberg is now confronting aging, death, and loss in an interesting manner. The film is all of a piece. Blackwelder (2001) said that *Artificial Intelligence* is an admirable cinematic feat. This movie is a mesmerizing mix of cautionary futuristic fairy tale, prudently measured intentional corniness and neon-colored three ring circus.

Artificial Intelligence is nominated for 22 Awards and winning six among of them. It is winning Public Choice Award and World Sountrack Award for John Williams, Best Performance in a Feature Film-Supporting Young Actor for Jake Thomas in World Sountrack Awards, Future Film Festival Digital Award for Steven Spielberg, Readers Choice Award for Best

Foreign Language Film Steven Spielberg, Hollywood Makeup Artist and Hair Stylist Guild Award for Best Character Hair Styling-Feature for Candance Neal, Karen Asano-Myers, Terry Baniel in Hollywood Makeup Artist and Hair Stylist Guild Awards, BMI Film Music Awards for John Williams in BMI Film and TV Awards, Best Music for John Williams, Best Performance by a Younger Actor for Haley Joel Osment, Best Special Effects for Dennis Muren, Scoot Farrar, Stan Winston, Michael Lantieri, Best Writing for Steven Spielberg in Saturn Awards.

Beside *Artificial Intelligence* has good responses, there are also gain some protests. Some of them come from Holm (2001) in Dvdjournal states that there is a lot of narrative confusion *Artificial Intelligence* because the movie starts out one thing, becomes another and ends up a third. There is also some terrible writing in this screenplay. The whole orga versus mecha terminology is ugly and awkward. Wallace (2002) said that *Artificial Intelligence* is very bad movie. *Artificial Intelligence* is fails in every level as hard science fiction, as satisfying fantasy, as fairy tale, as a drama and also as an honorable attempt. The concept of robot child is rather strange. The robotic child have a password contain of a random of collection words that will be sealing the eternal love for one parent and loves you forever. If the parents ever decide do not want him anymore, he will have to be destroyed. Because, the robotic child will not be able to adjust to love anyone else. The robotic child is also created in ten or eleven years old. The parents will not want have a child who never grows.

Artificial Intelligence is most interesting movie from Steven Spielberg. There are three aspects that make *Artificial Intelligence* is interesting. First, this movie is the first movie from Steven Spielberg which is both children and adult. It is children because this movie is about a fable of little boy who chase down his dream and learn how become fully human just like a story of Pinocchio. The narrator's tells in gentle voice in telling the fairy tail for children. This movie give the audiences some laughs, some cathartic tears, and some tension. It is adult because this movie is brutal, complex, ambiguous and cold. In this movie shows the prostitute place and the cruel world in flesh fair where the human hunting the metal old to destroy.

Second, this movie is about the human brutality. David who will be the lasting memory of human race is exploited by his creators, mistrusted by his father, betrayed by his brother, abandoned by his mother, hunted and almost executed by the amusement of people who disagree about the artificiality. This movie reflects the human's moral degradation and the death of humanity.

The last is *Artificial Intelligence* tells about the human mechanization. It reflects in each major character that they cannot separate from the mechanical. This movie tells about each character who tries to replace the lost love one. In the beginning, Dr. Hobby demonstrate the new robotic who "caught in a freeze-frame-always loving, never ill, never changing" and "love will be the key by which they acquire a kind of subconscious never before achieved." (A.I, I, 00:05:46)

Dr. Hobby creates David to replace his son who had been death. Monica who is exploited by Cybertonic replaced his real son who is coma and in freeze with David. And the last, after 2000 years David creates his clone of Monica and life with her for one day. Both David and Martin is son who caught in freeze and can not life without mechanical aid. When Martin come back home, Martin slump in his wheelchair, pale and limp, dangling with the plastic tubes, an oxygen mask strapped over his nose and mouth. It is shows that he can not breathe with mechanical aids like David as robotic child. This movie reflects the higher technology of society where society try to replace all dimension with mechanical object.

From the explanation above, the researcher would like to explore analyzing human mechanization as reflected in *Artificial Intelligence* by Steven Spielberg using a sociological approach entitled: **HUMAN MECHANIZATION AS REFLECTED IN STEVEN SPIELBERG'S ARTIFICIAL INTELLIGENCE(2001): A SOCIOLOGICAL APPROACH.**

B. Literature Review

Based on the researcher's observation there are several researcher was already analyzed. The first is Adam Rutherford (2001, Trends) entitled *Artificiality Embodied*. It focus on robots intelligence in *Artificial Intelligence*. The result of this study is the robots in the Artificial Intelligence is the potrayal of human morality that robot is only a mechanichal object and robot intelligence can only learns and copies human behaviour and emotion.

The second is Tim Kreider (2003, University of California) entitled *A.I: Artificial Intelligence*. It focus on Steven Spielberg character in Artificial Intelligence. In this study found that the director tries to reflects human condition through this movie. It is showed in the movie that there was a fairy tale in the movie reflect human dream, the character of Joe as gigolo reflects the sexuality of human, whereas Monica and David reflects human morality.

The differences between the writer and the two previous studies are the theme and the perspective. From first previous study, Adam Rutherford writes that the robots in and second is Tim Kreider writes that *Artificial Intelligence* reflects human condition while the writer analyzes *Artificial Intelligence* movie focus on human mechanization reflected in Steven Spielberg's *Artificial Intelligence* based on Sociological Approach.

C. Problem Statement

Based on the research background above, the researcher proposes the problem of the study as: "How is the human mechanization reflected in Steven Spielberg's *Artificial Intelligence* movie?"

D. Limitation of the Study

The writer will focus on the human mechanization in American society reflected in Steven Spielberg's *Artificial Intelligence* movie by using Sociological approach.

E. Objectives of the Study

The objectives of the studies are as follows:

1. To analyze the movie based on its structural elements.

2. To analyze the movie based on the Sociological Approach.

F. The Benefits of the Study

By presenting this research, the writer hopes that there will be some benefits as follows:

1. Theoretical Benefit

This study gives additional information to literature research especially those dealing with Steven Spielberg's *Artificial Intelligence*.

2. Practical Benefit

This study can develop the writer's skill and ability in applying the Sociological Approach in Steven Spielberg's *Artificial Intelligence*.

G. Research Method

1. Type of the Study

This type of research is qualitative in which the research does not need statistic to collect, to analysis, and to interpret.

2. Object of the Study

The researcher took *Artificial Intelligence* movie and its script as the object of the study.

3. Type of the Data and the Data Sources

The types of data in this study are dialogues and scenes of the movie. There are two data sources, namely primary and secondary data sources:

a. Primary Data Sources

Primary data sources are taken from the movie *Artificial Intelligence* directed by Steven Spielberg.

b. Secondary Data Sources

Secondary data sources are gained from the biography of the director, books and other relevant information that are related to the study and also website about Steven Spielberg's *Artificial Intelligence*.

4. Technique of the Data Collection

The collecting data technique is done by watching and learning the movie. The data are collected from books and articles related to the topic. There are 6 techniques of data collecting, as follows:

- a. Watching and learning the movie repeatedly.
- b. Reading the movie script to get more understanding.
- c. Reading some related references to observe the theory, data and information.
- d. Making notes of important part and both primary and secondary data sources.
- e. Classifying the data into some categories.
- f. Arranging and developing the selected data

5. Technique of the Data Analysis

The writer employs descriptive analysis in analyzing the data through sociological approach. Here, the writer tries to describe the

structural elements of the movie and sociological analysis. Hence the collected data will be interpreted and analyzed in detail through sociological approach.

H. Research Paper Organization

The research paper organization of Human Mechanization as Reflected in Steven Spielberg's *Artificial Intelligence* Movie: A Sociological Approach is as follows: Chapter I is introduction which explains the background of the study, literature review, problem statement, objective of the study, limitation of the study, benefit of the study, research method and research paper organization. Chapter II is underlying theory that consists of notion of sociology, the major principles of sociology, and theoretical application. Chapter III includes the social historical background of American society in the twenty-first century. Chapter IV will cover the structural analysis of the movie. Chapter V is sociological analysis. Chapter VI contains conclusion and suggestion.