

## Appendix

### Appendix 1: 3 Types of Time Travel

**3 theories of TIME TRAVEL**

CREATED BY HARRISON GERSHORE

<b>FIXED TIMELINE</b>	<b>DYNAMIC TIMELINE</b>	<b>MULTIVERSE</b>
<p><b>IN A FIXED TIMELINE</b></p> <p>EVEN WHEN PARTIES TRAVEL BACK IN TIME... THE FUTURE THEY LEFT CANNOT BE CHANGED. ALL EVENTS REMAIN AS FIXED POINTS IN TIME. THE ACTIONS OF THE TRAVELER IN THE PAST HAVE ALREADY BECOME PART OF HISTORY. THIS IS KNOWN AS THE NOVIKOV SELF-CONSISTENCY PRINCIPLE</p> <p><b>FOR EXAMPLE:</b> SAY YOU TRAVEL BACK IN TIME IN ORDER TO KILL ADOLF HITLER AS A BABY, IN ORDER TO PREVENT WWII.</p> <p>YOU REPLACE HIM WITH A ORPHANED BABY, SO THAT THE FAMILY WILL NOT NOTICE. YOU TRAVEL BACK TO THE FUTURE, AND THE REPLACED BABY GROWS UP TO BECOME ADOLF HITLER HIMSELF.</p> <p><b>AS SEEN IN:</b> THE TERMINATOR HARRY POTTER 3 12 MONKEYS</p>	<p><b>IN A DYNAMIC TIMELINE</b></p> <p>ALTERED EVENTS IN THE PAST HAVE DEFINITE IMPACTS ON THE PRESENT.</p> <p><b>FOR EXAMPLE:</b> IF YOU TRAVEL BACK IN TIME AND KILL YOUR GRANDFATHER...</p> <p>YOU ALSO PREVENT YOUR OWN BIRTH, AND YOUR EVENTUAL TRIP BACK IN TIME. IN TURN, YOUR GRANDFATHER IS NEVER KILLED, AND YOU ARE BORN AGAIN, ONLY TO GO BACK IN TIME AND KILL YOUR GRANDFATHER ANYWAY.</p> <p>THIS LOOP CONTINUES INFINITELY, AND CREATES A</p> <p><b>PARADOX</b></p> <p><b>AS SEEN IN:</b> BACK TO THE FUTURE</p>	<p><b>MULTIVERSE</b></p> <p>THE CONCEPT OF A MULTIVERSE SUPPORTS ALTERNATE TIMELINES</p> <p>IN AN INFINITE NUMBER OF PARALLEL UNIVERSES. TRAVELING INTO THE PAST CAUSES A NEW DIVERGENT TIMELINE FROM THE FIRST. BECAUSE OF THIS, THE TRAVELER CAN DO ANYTHING WITH IMPUNITY, AND ONLY THE NEW TIMELINE WILL BE AFFECTED.</p> <p><b>FOR EXAMPLE:</b> IF YOU TRAVEL BACK IN TIME AND KILL ALL YOUR GRANDPARENTS,</p> <p>NOTHING HAPPENS. THERE IS NO PARADOX, YOU HAVE SIMPLY CREATED A NEW TIMELINE IN WHICH YOU WILL NOT EXIST, BUT THE ORIGINAL TIMELINE IS UNAFFECTED. HOWEVER, YOU CANNOT RETURN TO YOUR ORIGINAL TIMELINE.</p> <p><b>AS SEEN IN:</b> THE TERMINATOR 2 AND 3 MISFITS STAR TREK (2009)</p>

## Appendix 2: The Philosophy of Time Travel

### Foreword

I would like to thank the sisters of the Saint John Chapel in Alexandria, Virginia for their support in my decision. By the grace of God, they are:

Sister Eleanor Lewis

Sister Francesca Godiani

Sister Helen Davis

Sister Catherine Arnold

Sister Mary Lee Pond

Sister Virginia Wessex

This intent of this short book is for it to be used as a simple and direct guide in a time of great danger.

I pray that this is merely a work of fiction.

If it is not, then I pray for you, the reader of this book.

If I am still alive when the events foretold in these pages occur, then I hope that you will find me before it is too late.

Roberta Ann Sparrow

October, 1944

Chapter One:

The Tangent Universe

The Primary Universe is fraught with great peril. War, plague, famine and natural disaster are common.

Death comes to us all. The Fourth Dimension of Time is a stable construct, though it is not impenetrable.

Incidents when the fabric of the fourth dimension becomes corrupted are incredibly rare.

If a Tangent Universe occurs, it will be highly unstable, sustaining itself for no longer than several weeks.

Eventually it will collapse upon itself, forming a black hole within the Primary Universe capable of destroying all existence.

## Chapter Two:

### Water And Metal

Water and Metal are the key elements of Time Travel.

Water is the barrier element for the construction of Time Portals used as gateways between Universes as the Tangent Vortex.

Metal is the transitional element for the construction of Artifact Vessels.

## Chapter Four:

### The Artifact And The Living

When a Tangent Universe occurs, those living nearest to the Vortex, will find themselves at the epicenter of a dangerous new world.

Artifacts provide the first sign that a Tangent Universe has occurred.

If an Artifact occurs, the Living will retrieve it with great interest and curiosity.

Artifacts are formed from metal, such as an Arrowhead from an ancient Mayan civilization, or a Metal Sword from Medieval Europe.

Artifacts returned to the Primary Universe are often linked to religious Iconography, as their appearance on Earth seems to defy logical explanation.

Divine intervention is deemed the only logical conclusion for the appearance of the Artifact.

Chapter Six:

The Living Receiver

The Living Receiver is chosen to guide the Artifact into position for its journey back to the Primary Universe.

No one knows how or why a Receiver will be chosen.

The Living Receiver is often blessed with a Fourth Dimensional Powers.

These include increased strength, telekinesis, mind control, and the ability to conjure fire and water.

The Living Receiver is often tormented by terrifying dreams, visions and auditory hallucinations during his time within the Tangent Universe.

Those surrounding the Living Receiver, known as the Manipulated, will fear him and try to destroy him.

## Chapter Seven:

### The Manipulated Living

The Manipulated Living are often the close friends and neighbors of the Living Receiver.

They are prone to irrational, bizarre, and often violent behavior.

This is the unfortunate result of their task, which is to assist the Living Receiver in returning the Artifact to the Primary Universe.

The Manipulated Living will do anything to save themselves from Oblivion.

## Chapter Nine:

### Ensurance Trap

The Manipulated Dead will set an Ensurance Trap.

The Living Receiver must ensure the fate of all mankind.

## Chapter Ten:

### The Manipulated Dead

The Manipulated Dead are more powerful than the Living Receiver. If a person dies within the Tangent Dimension, they are able to contact the Living Receiver through the Fourth Dimensional Construct.

The Fourth Dimensional Construct is made of Water.

The Manipulated Dead will manipulate the Living Receiver using the Fourth Dimensional Construct (see Appendix A and B).

The Manipulated Dead will often set an Ensurance Trap for the Living Receiver to ensure that the Artifact is returned safely to the Primary Universe.

If the Ensurance Trap is successful, the Living Receiver is left with no choice but to use his Fourth Dimensional Power to send the Artifact back in time into the Primary Universe before the Black hole collapses upon itself.

## Chapter Twelve:

### Dreams

When the Manipulated awaken from their Journey into the Tangent Universe, they are often haunted by the experience in their dreams.

Many of them will not remember.

Those who do remember the Journey are often overcome with profound remorse for the regretful actions buried within their Dreams, the only physical evidence buried within the Artifact itself, all that remains from the lost world.

Ancient myth tells us of the Mayan Warrior killed by an Arrowhead that had fallen from a cliff, where there was no Army, no enemy to be found.

We are told of the Medieval Knight mysteriously impaled by sword he had not yet built.

We are told that these things occur for a reason.

## NOTES

Living Receiver:

Donnie Darko

Manipulated Dead:

- Frank Anderson
- Gretchen Ross

Manipulated Living:

- Edward Darko
- Rose Darko
- Elizabeth Darko
- Samantha Darko
- Katherine Farmer
- Elisabeth Farmer
- Jim Cunningham
- Kenneth Monnitoff
- Karen Pomeroy
- Larry Cole
- Cherita Chen
- Seth Devlin
- Ricky Danforth
- Joanie James
- Susan Bates
- Susan Bailey
- Sean Smith
- Leroy Jones Carter
- Linda Connie
- Roberta Sparrow

Appendix 3: Time travel in Primer

Fig 1.

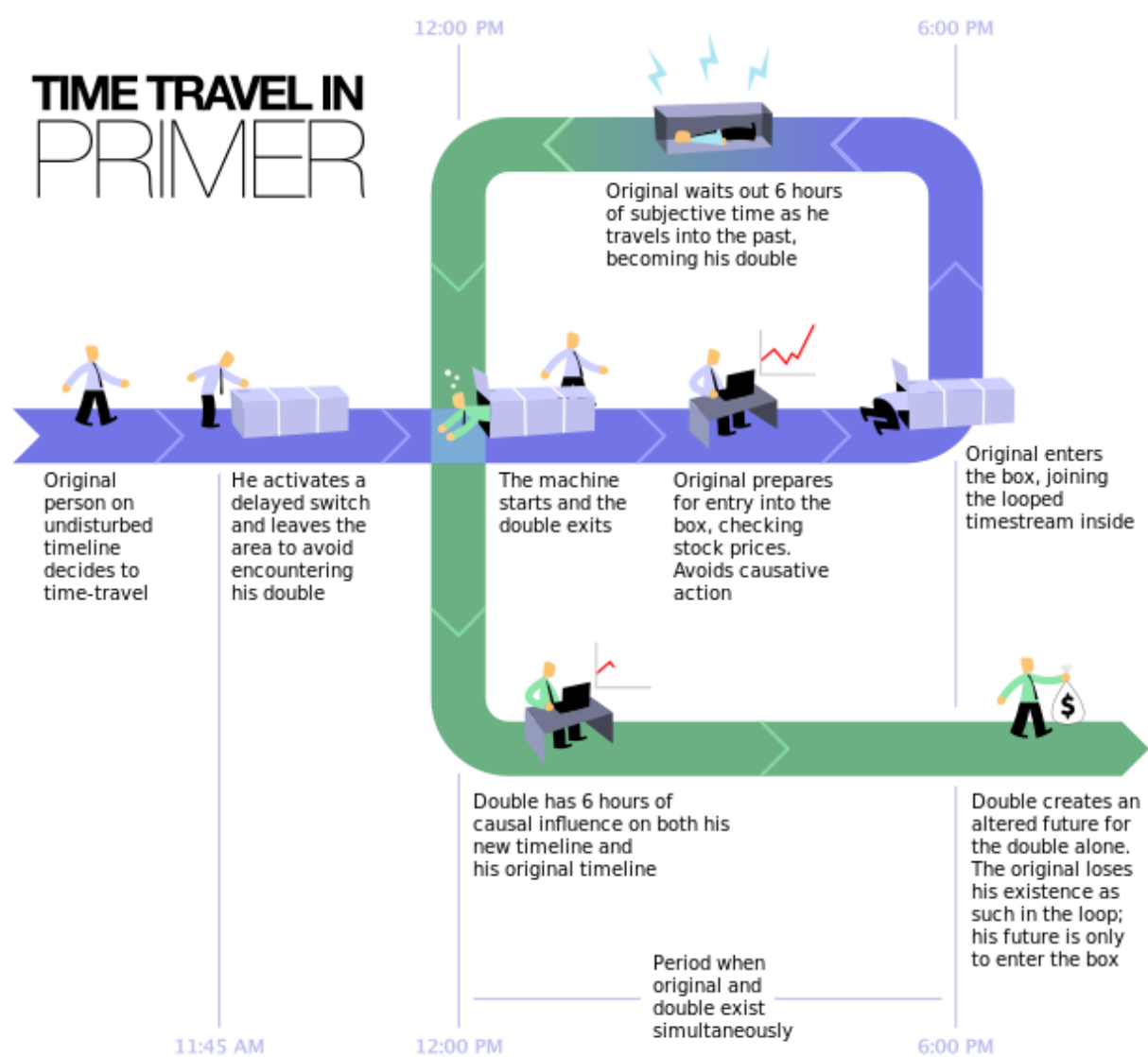




Fig 2.

