Communication via morse code or through numbers

What is the difference between a sound impaired person’s difficulties when communicating with a non sound impaired person?

And

A tourist who is visiting a country and don’t know the language which he is visiting

Or using morse code to communicate for that matter?

Well in a sense it's exactly the same problem,

Try to transform your questions, your feelings and your desires and frustrations; basically everything you want to Express and deliver your data  via sound or a written form.

In essence ; its  like cryptology : you take one form of expressions and transfer into another communicable form: like an internet browser taking the   html and css files and showing the server’s data to a user.

And in my humble opinion mere transferring won't be enough.

 Let me give you an example: you are a tourist in a country whose language is not familiar to you and you have a dictionary and you are trying to go through all the nouns and verbs and you are trying to find its counterparts… but who would wait for you to do all that?

 After all it would be time consuming for both parties, however you can just open the google translate and speak in your language and voila, it will translate almost instantaneously and it would be rough but if you can speak clean and simple enough the person next to you can understand.

So the main difference between a cound impaired person and a tourist is this, time restriction or limitation. A tourist can speak to an app and get the translation faster, but a sound impaired person wont type or write in a piece of paper fast enough, which your app is supposed to come in and create a solution. Ergo it needs to be at least faster than the speed of typing.

So just translating the language won't be efficient enough. You need to compress the data also so that you can shorten the span of the ping or the lag between sentences and it wont feel like ı….. want…..to……go…here, it would feel seamless.

I was curious on the subjects like: how to learn and why we forget and ı had researched how we memorise and how can we retain the knowledge as well and ı stumbled upon a book :

*Moonwalking with Einstein: The Art and Science of Remembering Everything*— by Jashue *Foer It's a very cool book and the author of this book is actually an journalist and when he was covering the*the 2005 U.S. Memory Championship

He meets Ed Cooke, He is also a [Grand Master of Memory](https://en.wikipedia.org/wiki/Grand_Master_of_Memory) and the co-founder of [Memrise](https://en.wikipedia.org/wiki/Memrise" \o "Memrise), a [freemium](https://en.wikipedia.org/wiki/Freemium" \o "Freemium) online educational platform that uses [memory techniques](https://en.wikipedia.org/wiki/Memory_improvement" \o "Memory improvement) to optimise learning.Ed Cook teaches the methods of memorizing and compressing and transforming the data with the method of PAO which is;

The Person-Action-Object System (or “PAO” System) is **a popular method for memorizing long random numbers and decks of playing cards**.

So to give you a simple example

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | Evangaline Lilly | Robot Dance | Ant |
| 2 | Sting | Sting | Bee |
| 3 | Keegan Micheal Key | Being GaNgster | Cat |
| 4 | Keanu Reeves | Assasin(ation) | Dog |
| 5 | Anthony Hopkins | Putting a ski mask on | Elephant |
| 6 | Anna Hathewey | Kissing | Frog |
| 7 | Uma Thurman | Katana Slicing | Giraffe |
| 8 | John Goodman | Doing Line of coke | Hippo |
| 9 | Sam Rockwell | Steal(Thief) | İguana |
| 10 | Billy Bob Thornton | Throwing a football | Jaguar |

This is a sample of my own version of PAO System, ı created this to remember numbers and do cool card tricks, and it's mostly Hollywood actors it's easier and more fun to remember, and ı created  100 sentences with Subject + Verb + Object format and with 100 sentences you can create 100 X 100 X 100 = one million variation, this is just a sample of 10 so ı can illustrate.

Here is an example:

Let's say we are trying to remember 1068 if we divide it to 10-6-8 an it can be remembered as

Because 10 is the first we will take the subject which is  ‘’ Billy Bob Thornton ‘’, and the second number is 6 so we will take the second row which is Verb and its Kissing and the last one is 8 so we take the 3th row of 8 which is Object and that is ‘’ Hippo ‘’

So Billy Bob Thornton kissing a Hippo, ı know it sounds silly and that's the whole point. Instead of trying to remember an arbitrary number 1068 you can remember a vivid scene like that.

\*\*\* İnstead of transforming the number to images so can remember like we are in a memory tournement .**We can change the sentences to numerical combinations** so instead of typing whole sentences , you can type numbers, which is like 10 digits so its convinent and it can be easy to fit the screen of a mobile app which most people would use this app from their phones.

Concept for an vocalising app for translation or and for  impaired people or sending or receiving a morse code.

A Calculator  and A Recording Machine

İnstead of 4 operation we will have 2;

Concatenating and assigning that  3 part number; user will enter 3 numbers and add all up to a single sentence

We either use that sentence, get it vocalised through a function  or the user will have the option to save his or her voice, or any voice and assign it to a number combination he or she likes and call back that sentence when needed.

User have also option to create a favorite and most used section and use that as a shortcut

For example

911 + 1+ 1 = ı Have an emergency, someone is fell and unconscious, please help me

 911 + 1 + 2 = ı Have an emergency, someone is drowning , please help me

911 + 1 + 3 = There is a person with a weapon, call for help etc

Or it can be a section for when you most likely to use it

-          When you are in a restaurant

-          When you are shopping

-          When you are in vacation

-          When you are in hospital

Etc

So you can configure a path or paths for you and plan ahead you conversation and with time you can remember most of the combinations and when you fell short

Application can suggest you or auto complete to help